



U.S. Department
of Transportation

**National Highway
Traffic Safety
Administration**

400 Seventh Street, S.W.
Washington, D.C. 20590

Dear Crash Data Researchers/Users:

Thank you for choosing crash data from the National Highway Traffic Safety Administration (NHTSA) for your research or other use. The information contained in this motor vehicle crash report is collected, maintained and distributed in accordance with Public Law 89-564. In accordance with this Public Law, NHTSA is required not to release any case information until completion of quality control procedures. These procedures include a review of the case material to extract all names, licenses and registration numbers, non-coded interview material, non-research related researcher comments in the margins, non-factual data, and the production number portion of the vehicle identification number (VIN).

If you requested NHTSA to query its database files in order to identify a specific crash, then that query was made using non-personal descriptors you provided for use in our search. This motor vehicle crash may have been identified from a data search and matches the general, non-personal descriptors you provided, but we cannot confirm that this is the specific crash report you requested.

If you have any questions with regard to the above procedures, please contact the Field Operations Branch, Crash Investigation Division, National Center for Statistics and Analysis at 202-366-4820. Again, please be advised that we cannot confirm that this is the case that you have specifically requested nor can we certify the information to be correct.

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AUTO SAFETY HOTLINE
(800) 424-9393
Wash. D.C. Area 366-0123

UMTRI - 96 - 8
VERSION 05

UM-3726-98
1998 Ford Explorer

In-depth Vehicle Occupant Report

The University
of Michigan
Transportation
Research Institute

UMIVOR-UMIVOR-UMIVOR



DISCLAIMERS

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The crash investigation process is an inexact science which requires that physical evidence such as skid marks, vehicular damage measurements, and occupant contact points are coupled with the investigator's expert knowledge and experience of vehicle dynamics and occupant kinematics in order to determine the pre-crash, crash, and post-crash movements of involved vehicles and occupants.

Because each crash is a unique sequence of events, generalized conclusions cannot be made concerning the crashworthiness performance of the involved vehicle(s) or their safety systems.

UM-3726-98

Case Veh. (A): 1998 Ford
Type: Explorer Sport, 2-door 4x4
Driver: 19-year-old female
CDC: 12-FYEW-1

Vehicle (B): 1996 Dodge
Type: Ram 1500 SLT, Laramie pickup
Driver: 16-year-old male
CDC: 06-BZEW-1

Situation

(Slide 1, 2) At the time, the weather was clear, the roads were dry, and it was daylight. Case vehicle (A) was traveling west in the westbound lane of a two-lane road at a driver-estimated speed of 80 kph (50 mph). Vehicle (B) was stopped in the westbound lane at a 3-leg intersection, and the driver was waiting to make a left turn onto the intersecting roadway. The driver of case vehicle (A) initially failed to see that vehicle (B) was stopped, did not have any time to brake, and was unable to avoid striking the rear of vehicle (B).

(Slide 3) Damage to vehicle (B) was moderate with a maximum crush of 39 cm to the right-rear bumper corner. The direct damage began at the right-rear bumper corner and extended 108 cm across the rear. The rear bumper was crushed, the tailgate was damaged, and the right-rear taillight was broken. Also, the right-rear truck bed and extended cab area were deformed.

(Slide 4, 5, 6, 7, 8, 9, 10, 11, 12, 13) Using the SMASH accident-reconstruction program and c-values measured for case vehicle (A) and vehicle (B), the following impact severities were calculated:

Vehicle	Variable	Calculated Velocity Change - kph (mph)		
		Total	Longitudinal	Latitudinal
Case Vehicle (A)	Delta V	26 (16)	-26 (-16)	0 (0)
	EBS	17 (11)	-17 (-11)	0 (0)
Vehicle (B)	Delta V	20 (12)	20 (12)	0 (0)
	EBS	26 (16)	26 (16)	0 (0)

Exterior Damage

(Slide 14) Damage to the front of case vehicle (A) was moderate with a maximum crush of 18 cm to the left-front bumper corner. The direct damage began at the left-front bumper corner and extended 79 cm across the front, resulting in 53 percent front-end overlap and 52 percent vehicle overlap. The front bumper was damaged, and the bumper cover was separated from the vehicle. (Slide 15, 16, 17) At the time of inspection, the front-end was partially disassembled, and the left-front fender and hood were removed from the vehicle. According to the [REDACTED], the hood latch was damaged, causing the hood to be jammed closed. (Slide 18) Also, the rear edge of the hood was elevated but it did not contact the windshield. There was no damage to the hood hinges, and the windshield was not broken. (Slide 19, 20) On the left side, the front fender was crushed, and the left-front wheel was damaged. (Slide 21, 22) There was no other damage to the left side of case vehicle (A) and no change in the left wheelbase. (Slide 23) There was no damage to the right side and no change in the right wheelbase.

Interior Damage

(Slide 24, 25) This vehicle is equipped with steering-wheel and passenger frontal-impact airbags which deployed during the frontal impact. (Slide 26, 27) There was no damage to the steering-wheel and no rotation of the steering column. (Slide 28, 29) There was no damage to the upper portion of the instrument panel, or center dash area. (Slide 30, 31) The mid and lower portions of the instrument panel were contacted and scuffed by the driver, and the glove compartment was damaged and scuffed by the right-front passenger. There was no other interior damage and no intrusions were noted.

Occupant Kinematics and Injuries

(Slide 32) The 19-year-old female driver was not wearing the available 3-point belt. She reportedly had the seat in a mid-to-forward-track position, and the tilt steering wheel in the mid-position. Her hands were reportedly at the 11:00 and 3:00 o'clock positions. (Slide 33) During the frontal impact, she moved forward into the deploying airbag. (Slide 34, 35, 36) Her face was contacted by the airbag, as evidenced by facial makeup on the center portion of the airbag skin, resulting in an abrasion to her forehead. She sustained abrasions across her left and right knuckles, and her right index finger, probably from contact by the deploying airbag. Her left knee contacted the mid and lower portions of the instrument panel, as evidenced by scuff marks, resulting in a contusion to her left knee. Her right knee contacted the lower portion of the instrument panel, resulting in a contusion to her right knee and a sprained right knee.

(Slide 37) The 21-year-old right-front female passenger was not wearing the available 3-point belt. She reportedly had the seat in the full- rearward track position. (Slide 38) During the frontal impact, she continued forward into the deploying airbag, as evidenced by facial makeup on the center portion of the airbag skin, although no injuries resulted from this contact. (Slide 39) The top of her head contacted the sunvisor or roof area, resulting in contusions to the top of her head. (Slide 40, 41) Her knees contacted the glove compartment, as indicated by damage and scuff marks to the glove box, resulting in contusions to her left and right knees, and a small chip fracture to her left patella.

(Slide 42, 43) The attached tables summarize the injury information for the two occupants.

Occupant: Driver
 Restraints: Airbag deployed
 (3-point belt not worn)

Age: 19 years
 Stature: 168 cm (5 ft 6 in)

Sex: Female
 Mass: 52 kg (115 lb)

Injury Description	A.I.S.	Injury Source		
		Definite	Probable	Possible
Abrasion, forehead	1	Airbag		
Abrasions, across left knuckles	1		Airbag	
Abrasions, across right knuckles	1		Airbag	
Abrasion, right index finger	1		Airbag	
Contusion, left knee	1	Lower and mid instrument panel		
Contusion, right knee	1	Lower instrument panel		
Sprain, right knee	2	Lower instrument panel		
<u>Maximum A.I.S. Level</u>	<u>2</u>			
<u>Injury Severity Score</u>	<u>5</u>			

Occupant: Right front
Restraints: Airbag deployed
(3-point belt not worn)

Age: 21 years
Stature: 163 cm (5 ft 4 in)

Sex: Female
Mass: 45 kg (100 lb)

Injury Description	A.I.S.	Injury Source		
		Definite	Probable	Possible
Contusions, top of head	1		Sunvisor or roof	
Contusion, right knee	1	Glove compartment		
Contusion, left knee	1	Glove compartment		
Chip fracture, left patella	2	Glove compartment		
<u>Maximum A.I.S. Level</u>	<u>2</u>			
<u>Injury Severity Score</u>	<u>5</u>			

TEAM CODE

30

ACCIDENT ID

03726

VEHICLE NUMBER

1

MODULE

A D

FORMAT

0 1

FORM VERSION

0 5

NO. OF CASE VEHICLES IN ACCIDENT

1

NUMBER OF SLIDES

43

TEAM REPORT NUMBER

UM-3726-98

SPECIAL STUDY

(00) None

(01) Offset Frontal

(98) Not Applicable

99

DATE OF FIELD INVESTIGATION:

98

INVESTIGATOR:

LOCATION WHERE VEHICLE WAS EVALUATED:

CIRCLE PHOTO RECORDS MADE:

SLIDES

NEGATIVES

POLAROID

REPORT PREPARED BY:

TIME		ENVIRONMENTAL CONDITIONS	
DATE OF COLLISION <u> </u> / <u> </u> / <u> </u> m m d d y y		CONSTRUCTION ZONE (0) NO (1) YES (9) UNKNOWN	
HOUR OF COLLISION <u> </u> : <u> </u> : <u> </u> (24 HOUR CLOCK) 19 22		ROAD ALIGNMENT VERTICAL PLANE (1) LEVEL (2) CREST OF HILL (3) SLOPE (2%) (4) BOTTOM OF HILL (9) UNKNOWN	
LOCATION STATE: <u>MICHIGAN</u>		ROAD ALIGNMENT HORIZONTAL PLANE (1) STRAIGHT (2) CURVE (3) T - SHAPED (4) Y - SHAPED (7) OTHER: _____ (9) UNKNOWN	
STATE FIPS CODE	<u>26</u> 23 24	SURFACE COVERING (10) DRY (21) WATER - DAMP (22) WATER - WET (23) WATER - PUDDLED (29) WATER - AMOUNT UNKNOWN (31) SNOW - LOOSE (32) SNOW - PACKED (39) SNOW - CONDITION UNKNOWN (41) ICE (51) SLUSH (61) SPILLED GRAVEL (71) OTHER: _____ (99) UNKNOWN	
AREA (1) URBAN (2) RURAL (9) UNKNOWN	<u>2</u> 25	VISIBILITY LIMITATION (FOR CASE VEHICLE) (0) NONE (1) CLOUDY/DARK <u>CLOUDY</u> (2) FOG (3) SMOKE (4) WINDSHIELD CONDITION (5) GLARE (6) RAIN (7) OTHER: _____ (8) ICE/SNOW (9) UNKNOWN	
ENVIRONMENTAL CONDITIONS LIMITED-ACCESS HIGHWAY (0) NO (1) YES (9) UNKNOWN	<u>0</u> 26	VISIBILITY OBSTRUCTION (FOR CASE VEHICLE) (0) NONE (1) BUILDING (2) SIGN (3) VEGETATION (E.G. BUSHES, SHRUBS) (4) TREE (5) HILL OR CURVE IN ROAD (6) VEHICLE IN TRANSPORT (7) OTHER: _____ (8) PARKED VEHICLE (9) UNKNOWN	
ROAD, TOTAL TRAFFIC LANES (FOR CASE VEHICLE) (1) 1-LANE (2) 2-LANES (3) 3-LANES (4) 4 OR MORE LANES (5) DIVIDED, 4 OR MORE LANES (6) PARKING LOT/DRIVEWAY (7) OTHER: _____ (9) UNKNOWN	<u>2</u> 27		
INTERSECTING RD, TOTAL LANES CHOOSE FROM ABOVE LIST, OR (8) NOT APPLICABLE	<u>2</u> 28		
TYPE OF ROAD SURFACE (1) ASPHALT (2) CONCRETE (3) GRAVEL (4) MORE THAN ONE (CIRCLE EACH) (7) OTHER: _____ (9) UNKNOWN	<u>1</u> 29		
ROAD DEFECTS (0) NO (1) YES (9) UNKNOWN	<u>0</u> 30		

GENERAL INFORMATION GI-3

CRASH DETAILS		HIGHEST POLICE INJURY SEVERITY CODE IN CRASH (NOT JUST CASE VEHICLE)	
CASE VEHICLE AND OBJECT	<u>0</u> 45	(0) O - NO INJURY (1) C - POSSIBLE INJURY (2) B - NON-INCAPACITATING INJURY (3) A - INCAPACITATING INJURY (4) K - FATAL (5) INJURED, SEVERITY UNKNOWN (6) DIED PRIOR TO ACCIDENT (7) NON-FATAL INJURY SEVERITY UNKNOWN (9) UNKNOWN	<u>1</u> 53
CASE VEHICLE ROLLOVER	<u>0</u> 46		
(0) NO ROLLOVER (1) YES, FIRST EVENT (2) YES, SUBSEQUENT EVENT (3) YES, SEQUENCE UNKNOWN (9) UNKNOWN			
CASE VEHICLE RAN OFF ROADWAY (BEFORE FIRST IMPACT)	<u>0</u> 47	DRIVER IMPAIRMENT	
(0) NO (1) YES (9) UNKNOWN		DRIVER ALCOHOL INVOLVEMENT (CASE VEHICLE)	<u>0</u> 54
		(0) NONE (1) YES (9) UNKNOWN/NOT REPORTED/ NO DRIVER	
MOVING CASE VEHICLE AND CONTACTED MOVING VEHICLE	<u>0</u> 48	DRIVER ALCOHOL BAC (CASE VEHICLE)	<u>80</u> 55 56
(0) NO (1) YES (9) UNKNOWN		(80) NO TEST (90) CHEMICAL TESTS, NO RESULTS (95) AUTOPSY, NO RESULTS (99) UNKNOWN	
CASE VEHICLE AND CONTACTED STOPPED VEHICLE	<u>1</u> 49	WAS THERE MENTION OF DRIVER IMPAIRMENT FOR CASE VEHICLE?	<u>0</u> 57
(0) NO (1) YES (9) UNKNOWN		(0) NO (1) YES (9) UNKNOWN	
STOPPED CASE VEHICLE AND CONTACTED VEHICLE	<u>0</u> 50	LIST IMPAIRMENTS MENTIONED:	
(0) NO (1) YES (9) UNKNOWN		_____ _____ _____	
TOTAL NUMBER OF VEHICLES CONTACTED BY CASE VEHICLE IN CRASH	<u>1</u> 51	Post - Crash Detail	
(8) 8 OR MORE (9) UNKNOWN		MANNER CASE VEHICLE LEFT SCENE	
ANY FIRE IN THIS CRASH (NOT JUST CASE VEHICLE)	<u>0</u> 52	(1) DRIVEN (2) TOWED DUE TO DAMAGE (3) TOWED, NOT DUE TO DAMAGE (4) TOWED, REASON UNKNOWN (9) UNKNOWN	
(0) NO (1) YES (9) UNKNOWN		<u>2</u> 58	

ACCIDENT SCHEMATIC

ACCIDENT DESCRIPTION: CASE VEHICLE (A) WAS
TRAVELING WEST AT A DRIVER-ESTIMATED SPEED
OF 80 KPH (50 MPH) IN THE WESTBOUND LANE.

CASE VEHICLE (A): 1998 FORD EXPLORER Q

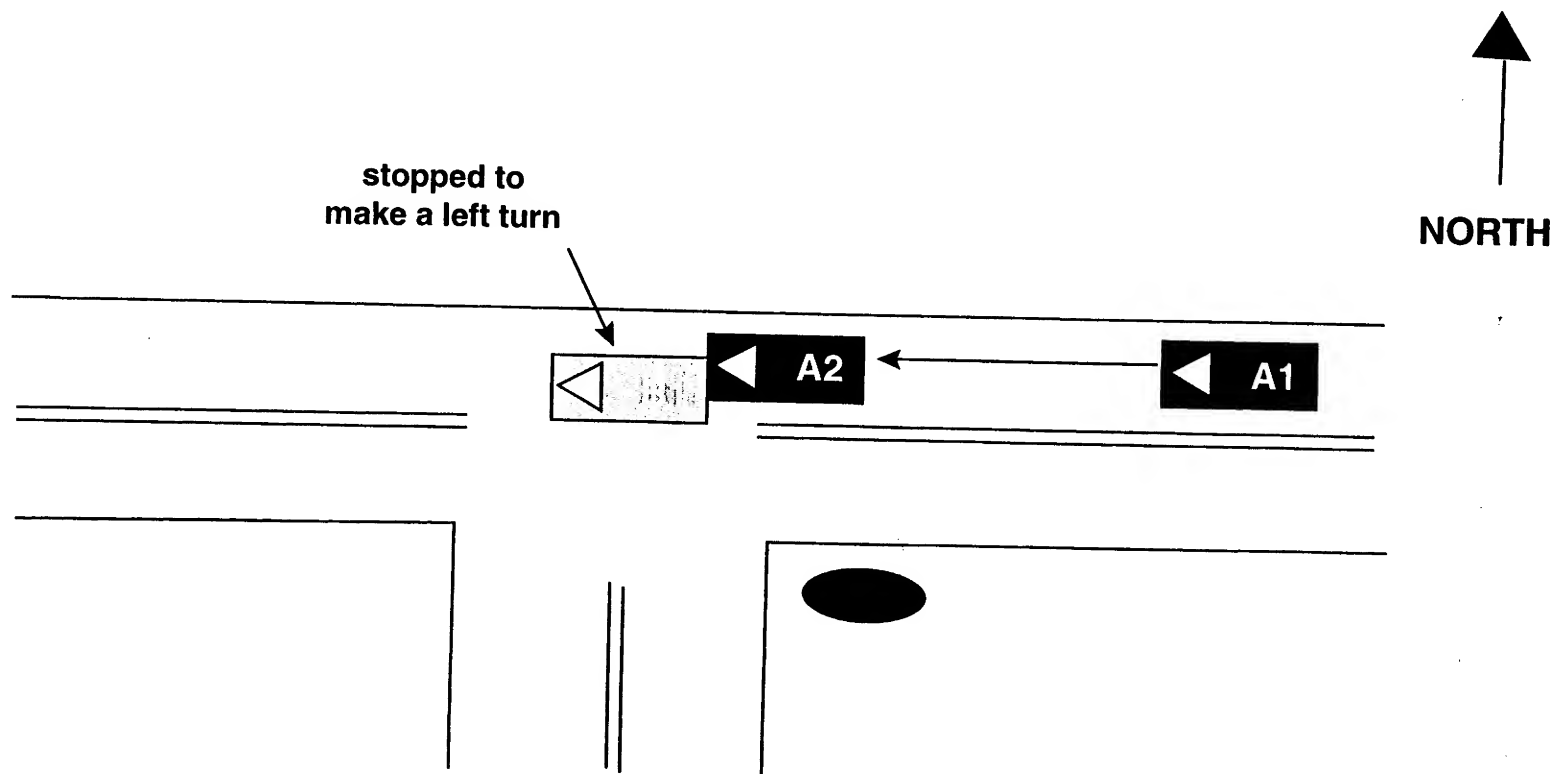
OTHER VEHICLE (B): 1996 DODGE RAM 1500 b

THIRD VEHICLE (C): _____

VEHICLE (B) WAS STOPPED IN THE WESTBOUND LANE AHEAD OF CASE
VEHICLE (A), WAITING TO MAKE A LEFT TURN. THE DRIVER OF CASE VEHICLE
(A) FAILED TO SEE THAT VEHICLE (B) WAS STOPPED, AND STRUCK IT IN THE
REAR



NORTH



Duplicate columns 1-8 from the previous card.		Module <u>0</u> <u>V</u> Format <u>0</u> <u>1</u> 9 10 11 12		OTHER VEHICLE OV-1	
MAKE: <u>DODGE</u>			CARGO: <u>100 POUND (95 KG)</u>		
MODEL: <u>RAM 1500 SLT LARAMIE</u>			<u>TOOL BOX, BAG OF MULCH</u>		
VIN <u>[REDACTED]</u>					
MANUFAC/BODY CODE <u>94612</u> 30 34		<div style="display: flex; justify-content: space-between;"> <div> VEHICLE TYPE PASSENGER VEHICLE (02) LARGE (03) LIMOUSINE (17) PICKUP CAR (20) UNKNOWN PASSENGER VEHICLE BODY (24) SUB-MINI (25) MINI (26) SUB-COMPACT (27) COMPACT (28) INTERMEDIATE (29) FULL MULTIPURPOSE PASSENGER VEHICLE (14) SMALL UTILITY (WHEELBASE LESS THAN 107", E.G. JEEP, BRONCO) (15) LARGE UTILITY (WHEELBASE MORE THAN 107", E.G. PANEL TRUCK, SUBURBAN) (16) PICKUP TRUCK WITH CANOPY/SHELL COVER (17) PICKUP CAR WITH CANOPY/SHELL COVER (21) MOTOR HOME (22) PICKUP TRUCK WITH SLIDE-IN CAMPER (23) PICKUP CAR WITH SLIDE-IN CAMPER (31) CHASSIS-MOUNTED CAMPER TRUCK (11) VAN (12) PICKUP TRUCK (13) UNKNOWN LIGHT TRUCK (15) LARGE UTILITY (E.G. PANEL TRUCK, SUBURBAN) (16) PICKUP TRUCK WITH CANOPY/SHELL COVER (22) PICKUP TRUCK WITH SLIDE-IN CAMPER (30) UNKNOWN TRUCK TYPE (31) CHASSIS-MOUNTED CAMPER (33) DELIVERY VAN (WALK-IN) (34) STRAIGHT TRUCK (35) TRUCK-TRACTOR (BOBTAIL) (36) CHASSIS-CAB (37) UNKNOWN HEAVY TRUCK (38) TRACTOR & SEMI-TRAILER (SEMI) (39) TRUCK (OR SEMI) & FULL TRAILER(S) BUS (40) UNKNOWN BUS TYPE (41) SCHOOL BUS (42) INTERCITY BUS (BETWEEN CITIES) (43) TRANSIT BUS (INTRACITY) (44) STREETCAR (ON TRACKS) (68) TRAIN (CARS) (69) LOCOMOTIVE (ENGINE, SWITCHER) (99) UNKNOWN WHEELBASE (cm) (999) UNKNOWN </div> <div style="text-align: right; font-size: 2em; font-weight: bold;">12</div> </div>			
MAKE/MODEL CODE <u>3235</u> 38					
MODEL YEAR <u>1996</u>					
VEHICLE MASS (kg) <u>002211</u> 41 46					
IF SEPARATE REPORT WAS MADE, GIVE VEHICLE NUMBER <u>0</u>					
NUMBER OF OCCUPANTS (ENTER 9'S IF UNKNOWN) <u>01</u> 49					
TRAVELING SPEED (km/h) <u>000</u> 52					
(000) PARKED OR STOPPED (995) JUST STARTING UP (996) BACKING UP (997) SPEED NOT EXCESSIVE (BUT UNKNOWN) (998) SPEED EXCESSIVE (BUT UNKNOWN) (999) UNKNOWN					
HIGHEST POLICE INJURY SEVERITY CODE FOR THIS VEHICLE (0) O - NO INJURY (1) C - POSSIBLE INJURY (2) B - NON-INCAPACITATING INJURY (3) A - INCAPACITATING INJURY (4) K - FATAL (5) INJURED, SEVERITY UNKNOWN (6) DIED PRIOR TO ACCIDENT (7) NON-FATAL INJURY SEVERITY UNKNOWN (8) UNOCCUPIED VEHICLE (NOT APPLICABLE) (9) UNKNOWN		<div style="display: flex; align-items: center;"> <div style="border-left: 1px solid black; width: 20px; height: 20px; margin-right: 5px;"></div> <div style="font-size: 2em; font-weight: bold;">1</div> </div> <div style="text-align: right; font-size: 0.8em;">53</div>			
		<div style="display: flex; align-items: center;"> <div style="border-left: 1px solid black; width: 20px; height: 20px; margin-right: 5px;"></div> <div style="font-size: 2em; font-weight: bold;">352</div> </div> <div style="text-align: right; font-size: 0.8em;">56 57 58</div>			

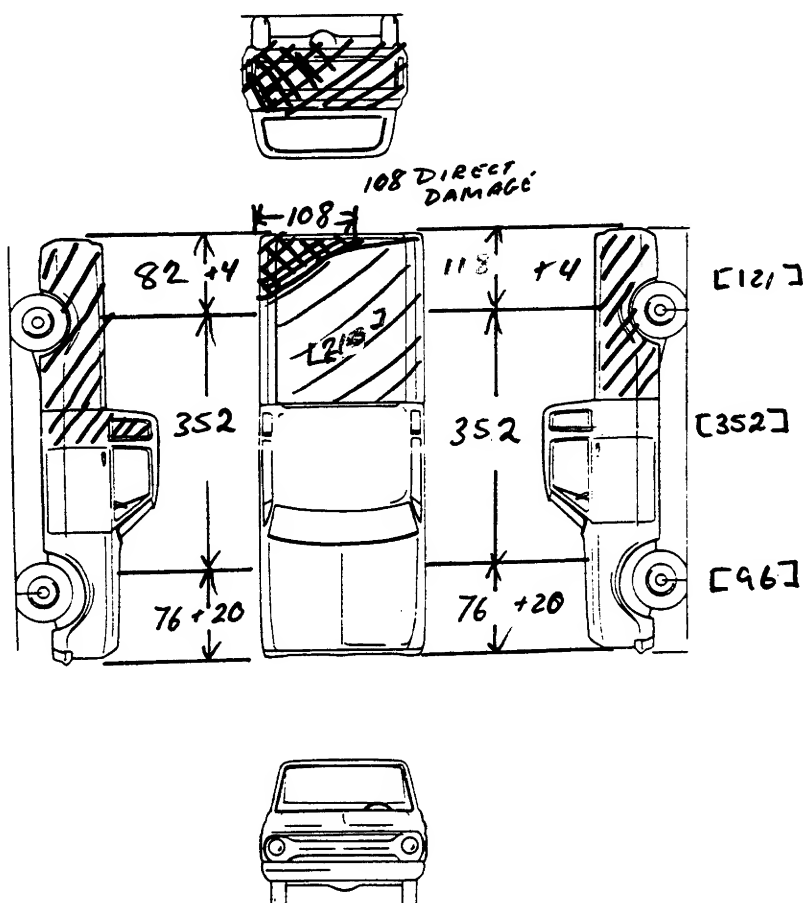
Duplicate columns 1-8
from the previous card.Module 0 V Format 0 2
9 10 11 12

OTHER VEHICLE OV-2

ORIGINAL SPECIFICATIONS

Wheelbase	<u>352</u> cm	Front Overhang	<u>096</u> cm
Curb Weight	<u>2211</u> kg	Rear Overhang	<u>121</u> cm
Average Track Width	<u>170</u> cm	Undeformed End Width (UEW)	<u>180</u> cm
Overall Length	<u>569</u> cm	Engine Displacement	<u>5.8</u> L ^{MA}
Overall Width (OAW)	<u>201</u> cm	Engine: # of Cylinders	<u>08</u> MAGNUM

VEHICLE DAMAGE



FRONTAL CRASH OVERLAP

Round up for .5. 98 = 98% or more
Enter % overlap or "99" for missing or N/A.

Direct Damage Length (DDL)

999 cmFront-End Overlap (Percent) = $\frac{DDL}{UEW}$ 99 %Vehicle Overlap (Percent) = $\frac{DDL + 1/2 (OAW - UEW)}{OAW}$ 99 %

Duplicate columns 1-8
from the previous card.Module V D Format 0 1
9 10 11 12

VEHICLE DESCRIPTION VD-1

MAKE: FORD
MODEL: EXPLORER SPORT 4x4CARGO: NONEVIN [REDACTED]MANUFAC/BODY CODE 12114
30 34MAKE/MODEL CODE 3131
38MODEL YEAR 1998VEHICLE MASS (kg) 001675
41 46ODOMETER (km) 008759
(ENTER 9'S IF UNKNOWN) 47 52
(ENTER 8'S IF ELECTRONIC)NUMBER OF OCCUPANTS 02
(ENTER 9'S IF UNKNOWN) 54TRAVELING SPEED (km/h) 50 MPH 080
57

- (000) PARKED OR STOPPED
 (995) JUST STARTING UP
 (996) BACKING UP
 (997) SPEED NOT EXCESSIVE (BUT UNKNOWN)
 (998) SPEED EXCESSIVE (BUT UNKNOWN)
 (999) UNKNOWN

VEHICLE TYPE

PASSENGER VEHICLE

- (11) 2-DOOR HARDTOP (NO UPPER B-PILLAR)
 (12) 2-DOOR SEDAN OR COUPE
 (ANY UPPER B-PILLAR)
 (13) 4-DOOR HARDTOP
 (14) 4-DOOR SEDAN
 (15) STATION WAGON
 (16) CONVERTIBLE
 (18) OTHER PASS. VEH.:
 (19) PASSENGER VEHICLE, TYPE UNKNOWN

MULTIPURPOSE PASSENGER VEHICLE

- (21) SMALL UTILITY (E.G. JEEP, SCOUT, BRONCO)
 (22) LARGE UTILITY (E.G. PANEL TRUCK, SUBURBAN)
 (23) VAN, SIZE UNKNOWN
 (24) VAN, SMALL (MINI)
 (25) VAN, LARGE
 (29) MPV, TYPE UNKNOWN
 (30) MOTOR HOME

TRUCK

- (31) PICKUP TRUCK, UNKNOWN
 (32) PICKUP TRUCK, SMALL (DOWNSIZED)
 (33) PICKUP TRUCK, LARGE

(99) UNKNOWN

STOLEN VEHICLE

- (0) NO
 (1) YES
 (8) NOT COLLECTED
 (9) UNKNOWN

8
60

BODY STRUCTURE

- (1) BODY & FRAME
 (2) UNITIZED
 (3) INTEGRAL-STUB FRAME
 (4) BODY & PLATFORM FRAME
 (E.G. VW BUG)
 (5) PARTIALLY UNITIZED
 (7) OTHER:
 (9) UNKNOWN

1
61

TRANSMISSION

- (0) NONE
 (1) AUTOMATIC
 (2) MANUAL
 (9) UNKNOWN

1
62LOCATION OF TRANSMISSION
SELECTOR LEVER

- (1) FLOOR
 (2) CONSOLE
 (3) COLUMN
 (7) OTHER:
 (9) UNKNOWN

3
63

STEERING

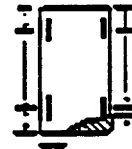

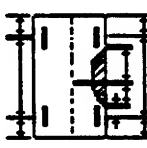
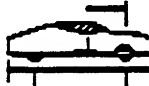
- (1) POWER
 (2) MANUAL
 (9) UNKNOWN

1
64

BRAKES

- (1) POWER
 (2) MANUAL
 (9) UNKNOWN

1
65

VEHICLE DESCRIPTION		VD-2
TYPE OF BRAKES (1) DRUM, ALL WHEELS (2) DISC, FRONT WHEELS (3) DISC, ALL WHEELS (9) UNKNOWN	$\frac{2}{66}$	WHEELBASE (cm) (999) Unknown $\frac{258}{74 \quad 75 \quad 76}$
BRAKE ANTI-LOCK DEVICE (0) NONE INSTALLED (1) TWO-WHEEL (2) FOUR-WHEEL (7) EQUIPPED, UNKNOWN WHEELS (9) UNKNOWN	$\frac{1}{67}$	PLASTIC ANTI-LACERATIVE INNER LAYER GLASS EQUIPPED (0) NONE (1) WINDSHIELD (2) WINDSHIELD AND SIDE (7) OTHER (9) UNKNOWN $\frac{0}{77}$
AIR CONDITIONING IN VEHICLE (0) NO (1) YES (8) NOT COLLECTED (9) UNKNOWN	$\frac{8}{68}$	
TYPE OF DRIVE (1) REAR WHEEL (2) FRONT WHEEL (3) FOUR WHEEL (4) ALL WHEEL DRIVE (9) UNKNOWN	$\frac{3}{69}$	FIELD INVESTIGATOR INSTRUCTIONS: 1. INDICATE CRUSHED AREAS BY <u>OUT-LINING NEW PERIMETER OF VEHICLE AND SHADING THE DAMAGED AREAS ON THE LARGE SKETCH ON PAGE VD-3.</u> USE AS MANY SKETCHES AS NECESSARY TO COMPLETELY DESCRIBE THE DAMAGE. 2. ENTER THE DIMENSIONS ON THE SKETCH(ES) MEASURED TO THE POINT OF MAXIMUM PENETRATION BY THE OBJECT(S) CONTACTED. USE THE EXAMPLES BELOW AS A GUIDE. 3. ENTER THE THREE DIMENSIONS TO THE CENTER OF THE WHEELS (WHEELBASE, FRONT AND REAR OVERHANGS) ON BOTH SIDES OF THE CAR. 4. ADD OTHER DIMENSIONS AS NECESSARY TO COMPLETELY DESCRIBE THE DAMAGE. EXAMPLES: <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <p>FRONT OR REAR</p>  </div> <div style="text-align: center;">  </div> </div> <div style="display: flex; justify-content: space-around; margin-top: 20px;"> <div style="text-align: center;"> <p>SIDE</p>  </div> <div style="text-align: center;"> <p>ROOF (REFERENCE TO TOP OF DOOR SILL OR WINDOW SILL)</p>  </div> </div>
DUAL REAR WHEELS (0) NO (1) YES (9) UNKNOWN	$\frac{0}{70}$	
ORIGINAL TYPE OF RESTRAINT SYSTEM (1) ACTIVE BELT (2) PASSIVE BELT (3) AIRBAG (4) KNEE BOLSTERS (7) OTHER: _____ (8) NOT APPLICABLE (NOT EQUIPPED) (9) UNKNOWN	$\frac{3}{71}$	
EQUIPPED WITH ROLL BAR (0) NO (1) YES (9) UNKNOWN	$\frac{0}{72}$	
TYPE OF ROOF (0) NONE (1) SOLID (2) T-TOP CLOSED (3) T-TOP OPEN (4) SUN ROOF CLOSED (5) SUN ROOF OPEN ✓ (6) CONVERTIBLE CLOSED (7) CONVERTIBLE OPEN (8) OTHER: _____ (9) UNKNOWN	$\frac{5}{73}$	

VEHICLE DESCRIPTION VD-3

ORIGINAL SPECIFICATIONS

Wheelbase 258 cm

Front Overhang $\frac{0}{22} \frac{8}{24} \frac{6}{24}$ cm

Curb Weight 1675 kg

Rear Overhang $\frac{1}{25} \frac{1}{27} \frac{2}{27}$ cm

Average Track Width 149 cm
13 15

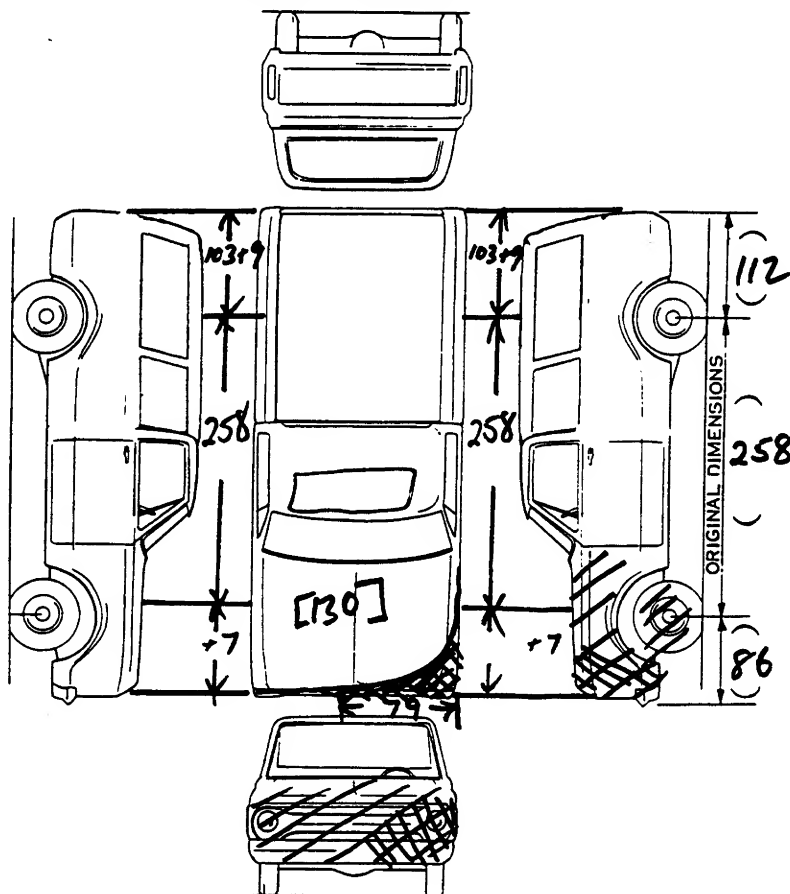
Undeformed End Width (UEW) 150 cm

Overall Length 4 5 6 cm
16 18

Engine Displacement $\frac{8}{31} \cdot \frac{3}{32}$ L

Overall Width (OAW) $\frac{1}{19} \frac{7}{21} \frac{8}{21}$ cm

Engine: # of Cylinders 06

VEHICLE DAMAGE

FRONTAL CRASH OVERLAP

Round up for .5. 98 = 98% or more
Enter % overlap or "99" for missing or N/A.

Direct Damage Length (DDL) $\frac{0}{35} \frac{7}{37} \frac{9}{37}$ cm

$$\text{Front-End Overlap (Percent)} = \frac{\text{DDL}}{\text{UEW}} = \frac{79}{150} = \frac{53}{38 \quad 39} \%$$
$$\text{Vehicle Overlap (Percent)} = \frac{\text{DDL} + 1/2 (\text{OAW} - \text{UEW})}{\text{OAW}} = \frac{79 + (1/2 (178 - 150))}{178} = \frac{52}{40 \quad 41} \%$$

Duplicate columns 1-8 from the previous card. Module <u>D</u> <u>A</u> Format <u>0</u> <u>2</u> 9 10 11 12		DAMAGE DA-1		
PRIMARY EVENT NUMBER IMPACT SPEED (km/h) ESTIMATED BY CRUSH (cm) CDC #1 CDC #2	CASE VEHICLE PRIMARY CDC	CONTACTED VEHICLE ASSOCIATED CDC		
	<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> $\begin{array}{r} \text{1} \\ \hline \text{13} \\ \hline \text{999} \\ \hline \text{14} \quad \text{15} \quad \text{16} \end{array}$ $\begin{array}{r} \text{1} \\ \hline \text{17} \\ \hline \text{018} \\ \hline \text{18} \quad \text{19} \quad \text{20} \end{array}$ 12.FYE W.1 $\begin{array}{r} \text{21} \quad \text{27} \end{array}$ 98.00000.0 $\begin{array}{r} \text{28} \quad \text{34} \end{array}$ </div> <div style="width: 45%; text-align: right;"> <p>VEH B</p> $\begin{array}{r} \text{999} \\ \hline \text{35} \quad \text{36} \quad \text{37} \end{array}$ $\begin{array}{r} \text{1} \\ \hline \text{38} \\ \hline \text{039} \\ \hline \text{39} \quad \text{40} \quad \text{41} \end{array}$ 06.BZE W.1 $\begin{array}{r} \text{42} \quad \text{48} \end{array}$ 98.00000.0 $\begin{array}{r} \text{49} \quad \text{55} \end{array}$ </div> </div>			
	CASE VEHICLE SECONDARY CDC	CONTACTED VEHICLE ASSOCIATED CDC		
	<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> $\begin{array}{r} \text{13} \\ \hline \text{14} \quad \text{15} \quad \text{16} \end{array}$ $\begin{array}{r} \text{17} \\ \hline \text{18} \quad \text{19} \quad \text{20} \end{array}$ $\text{21} \quad \text{27}$ $\text{28} \quad \text{34}$ </div> <div style="width: 45%; text-align: right;"> $\begin{array}{r} \text{35} \quad \text{36} \quad \text{37} \end{array}$ $\begin{array}{r} \text{38} \\ \hline \text{39} \quad \text{40} \quad \text{41} \end{array}$ $\text{42} \quad \text{48}$ $\text{49} \quad \text{55}$ </div> </div>			
	CODES			
	EVENT NUMBER (8) NOT APPLICABLE (9) UNKNOWN IMPACT SPEED (998) NOT APPLICABLE (999) UNKNOWN	IMPACT SPEED ESTIMATOR (1) INVESTIGATOR (2) DRIVER (3) POLICE (4) "CRASH" PROGRAM (5) OTHER COMPUTER PROGRAM SPECIFY: _____ (7) OTHER: _____ (8) NOT APPLICABLE (NO VEHICLE/NO IMPACT)		CRUSH (998) NOT APPLICABLE (NO VEHICLE/DAMAGE) (999) UNKNOWN CDC (9800000) NOT APPLICABLE (9900000) UNKNOWN

Duplicate columns 1-8
from the previous card.Module D A Format 0 1
9 10 11 12

DAMAGE DA-2

MAXIMUM SHEET METAL CRUSH

(cm) (999) UNKNOWN

FRONT 018
13 15RIGHT SIDE 000
16 18REAR 000
19 21LEFT SIDE 000
22 24ROOF 000
25 27OTHER 000
28 30CHRONOLOGICAL SEQUENCE
OF DAMAGE/INJURY PRODUCING CRASH EVENTS
FOR CASE VEHICLENOTE: IF CHRONOLOGICAL ORDER
IS UNKNOWN, EVENT
ORDER IS OPTIONAL.DO YOU KNOW THIS TABLE
TO BE IN CHRONOLOGICAL ORDER? 1

31

(0) NO
(1) YES

EVENT NUMBER	IMPACT LOCATION (1) ON ROADWAY (2) SHOULDER/MEDIAN/GORE (3) ON ROADSIDE (4) OUTSIDE ROADSIDE RIGHT-OF-WAY (5) OTHER (6) OFF ROADWAY, LOC. UNK. (9) UNKNOWN	IMPACT CONFIGURATION FOR CODES, SEE TABLE ON PAGE DA-3.	OBJECT/VEHICLE CONTACTED FOR CODES, SEE TABLE ON PAGE DA-4.
# 1	<u>1</u> 32	<u>14</u> 34	<u>12</u> 36
#2	<u>—</u> 37	<u>—</u> 39	<u>—</u> 41
#3	<u>—</u> 42	<u>—</u> 44	<u>—</u> 46
#4	<u>—</u> 47	<u>—</u> 49	<u>—</u> 51
#5	<u>—</u> 52	<u>—</u> 54	<u>—</u> 56
#6	<u>—</u> 57	<u>—</u> 59	<u>—</u> 61
#7	<u>—</u> 62	<u>—</u> 64	<u>—</u> 66

DAMAGE DA-3

CODES FOR
IMPACT CONFIGURATIONFRONT OF CASE VEHICLE

- (11) AND FRONT OF CONTACTED VEHICLE
- (13) AND SIDE OF CONTACTED VEHICLE
- (14) AND REAR OF CONTACTED VEHICLE
- (16) ENDSWIPED BY CONTACTED VEHICLE
- (17) AND OBJECT
- (19) AND UNKNOWN OTHER VEHICLE CONFIGURATION

LEFT SIDE OF CASE VEHICLE

- (21) AND FRONT OF CONTACTED VEHICLE (TYPE T)
- (22) AND FRONT OF CONTACTED VEHICLE (TYPE L)
- (23) AND SIDE OF CONTACTED VEHICLE (NOT SIDESWIPE)
- (24) AND REAR OF CONTACTED VEHICLE (TYPE T)
- (25) AND REAR OF CONTACTED VEHICLE (TYPE L)
- (26) SIDESWIPED BY CONTACTED VEHICLE
- (27) AND OBJECT
- (29) AND UNKNOWN OTHER VEHICLE CONFIGURATION

REAR OF CASE VEHICLE

- (31) AND FRONT OF CONTACTED VEHICLE
- (33) AND SIDE OF CONTACTED VEHICLE
- (34) AND REAR OF CONTACTED VEHICLE
- (36) ENDSWIPED BY CONTACTED VEHICLE
- (37) AND OBJECT
- (39) AND UNKNOWN OTHER VEHICLE CONFIGURATION

RIGHT SIDE OF CASE VEHICLE

- (41) AND FRONT OF CONTACTED VEHICLE (TYPE T)
- (42) AND FRONT OF CONTACTED VEHICLE (TYPE L)
- (43) AND SIDE OF CONTACTED VEHICLE (NOT SIDESWIPE)
- (44) AND REAR OF CONTACTED VEHICLE (TYPE T)
- (45) AND REAR OF CONTACTED VEHICLE (TYPE L)
- (46) SIDESWIPED BY CONTACTED VEHICLE
- (47) AND OBJECT
- (49) AND UNKNOWN OTHER VEHICLE CONFIGURATION

OTHER

- (57) VEHICLE TO OBJECT
- (58) VEHICLE TO VEHICLE
- (59) VEHICLE TO VEHICLE, CONFIGURATION UNKNOWN

ROLLOVER

- (61) LESS THAN 360°
- (62) 360° OR MORE
- (69) DETAILS UNKNOWN

UNKNOWN

- (99) IMPACT TYPE UNKNOWN

DAMAGE DA-4

CODES FOR VEHICLE/OBJECT CONTACTED

VEHICLE/OBJECT GROUPS

- (00) NO OBJECT
- (01) - (39) PASSENGER VEHICLE & TRUCK
- (40) - (69) OTHER VEHICLE
- (70) - (76) PEDESTRIAN & ON-ROADWAY OBJECT
- (77) - (97) OFF-ROADWAY OBJECT

- (98) OTHER (DESCRIBE)
- (99) UNKNOWN

PASSENGER VEHICLE

- (02) LARGE
- (03) LIMOUSINE
- (17) PICKUP
- (20) UNKNOWN PASSENGER VEHICLE BODY
- (24) SUB-MINI
- (25) MINI
- (26) SUB-COMPACT
- (27) COMPACT
- (28) INTERMEDIATE
- (29) FULL

SIZE	WHEELBASE
SUB-MINI	< 2286 mm (< 90")
MINI	2286 - 2412 mm (90" - 94.9")
SUB-COMPACT	2413 - 2539 mm (95" - 99.9")
COMPACT	2540 - 2666 mm (100" - 104.9")
INTERMEDIATE	2667 - 2793 mm (105" - 109.9")
FULL	2794 - 2920 mm (110" - 114.9")
LARGE	2921 - 3174 mm (115" - 124.9")
LIMOUSINE	> 3175 mm (> 125")

MULTIPURPOSE PASSENGER VEHICLE

- (11) SMALL VAN (MINI)
- (12) PICKUP
- (14) SMALL UTILITY (WHEELBASE LESS THAN 107",
E.G. JEEP, BRONCO)
- (15) LARGE UTILITY (WHEELBASE MORE THAN 107",
E.G. PANEL TRUCK, SUBURBAN)
- (16) PICKUP TRUCK WITH CANOPY/SHELL COVER
- (17) PICKUP CAR WITH CANOPY/SHELL COVER
- (21) MOTOR HOME
- (22) PICKUP TRUCK WITH SLIDE-IN CAMPER
- (23) PICKUP CAR WITH SLIDE-IN CAMPER
- (31) CHASSIS-MOUNTED CAMPER

TRUCK

- (11) SMALL VAN (E.G. ECONOLINE)
- (12) PICKUP TRUCK
- (13) UNKNOWN LIGHT TRUCK
- (15) LARGE UTILITY (E.G. PANEL TRUCK, SUBURBAN)
- (16) PICKUP TRUCK WITH CANOPY/SHELL COVER
- (22) PICKUP TRUCK WITH SLIDE-IN CAMPER
- (30) UNKNOWN TRUCK TYPE
- (31) CHASSIS-MOUNTED CAMPER
- (33) DELIVERY VAN (WALK-IN)
- (34) STRAIGHT TRUCK
- (35) TRUCK-TRACTOR (BOBTAIL)
- (36) CHASSIS-CAB
- (37) UNKNOWN HEAVY TRUCK
- (38) TRACTOR & SEMI-TRAILER (SEMI)
- (39) TRUCK (OR SEMI) & FULL TRAILER(S)

BUS

- (40) UNKNOWN BUS TYPE
- (41) SCHOOL BUS
- (42) INTERCITY BUS (BETWEEN CITIES)
- (43) TRANSIT BUS (INTRACITY)
- (44) STREETCAR (ON TRACKS)

MOTORCYCLE

- (50) UNKNOWN MOTORCYCLE TYPE
- (51) 1 - 75 cc
- (52) 76 - 125 cc
- (53) 126 - 250 cc
- (54) 251 - 500 cc
- (55) 501 - 750 cc
- (56) 751 cc +
- (57) 3-WHEELS (OR WITH SIDECAR)

SPECIAL PURPOSE VEHICLE

- (60) UNKNOWN/OTHER SPECIAL VEHICLE (DESCRIBE)
- (61) SNOWMOBILE
- (62) ATV (ALL TERRAIN VEHICLE)
- (63) AMPHIBIOUS VEHICLE
- (64) FARM VEHICLE
- (65) CONSTRUCTION VEHICLE
- (66) TRAILER, PRIVATE (CAMPER)
- (67) TRAILER, COMMERCIAL (CARGO)
- (68) TRAIN (CARS)
- (69) LOCOMOTIVE (ENGINE, SWITCHER)

OBJECT

- (70) PEDESTRIAN
- (71) BICYCLIST, OTHER PEDALCYCLIST
- (72) PEDESTRIAN CONVEYANCE (E.G. PERSON RIDING
ANIMAL, CART)
- (73) LARGE ANIMAL
- (74) FALLEN OBJECT (E.G. OBJECT DISLODGED FROM
OTHER VEHICLE, FALLEN TREE, ROCKS)
- (75) ROCKS
- (76) CONSTRUCTION EQUIPMENT (EXCLUDING (65))
- (77) SIGN POST, UTILITY POLE, TREE..
- (78) DITCH
- (79) EMBANKMENT, SNOWBANK, RR TRACKS RR X
- (80) GROUND (ROLLOVER ONLY)
- (81) CURB (DAMAGE PRODUCING IMPACTS ONLY)
- (82) CULVERT
- (83) FENCE
- (84) HYDRANT, SHORT POST, STUMP
- (85) SMALL POST/TREE, RURAL MAIL BOX, MILE
MARKER, DELINEATOR
- (86) BUILDING
- (87) PIER, PILLAR, BRIDGE SUPPORT
- (88) ABUTMENT, RETAINING WALL
- (89) BRIDGE RAIL
- (90) GUARD RAIL, LEADING SECTION
- (91) GUARD RAIL, MIDDLE OR UNKNOWN
- (92) GUARD RAIL, TRAILING SECTION
- (93) GUARD POST (TIMBER, METAL, CONCRETE)
- (94) CABLE, FENCE BARRIER
- (95) CONCRETE BARRIER (MEDIAN)
- (96) IMPACT ATTENUATOR
- (97) BREAKAWAY FEATURES

Duplicate columns 1-8
from the previous card.Module C R Format 0 1
9 10 11 12CRASH RECONSTRUCTION CR-1
for ΔV

	CASE VEHICLE PRIMARY IMPACT		CASE VEHICLE SECONDARY IMPACT	
	CASE VEHICLE	CONTACTED VEHICLE	CASE VEHICLE	CONTACTED VEHICLE
EVENT NUMBER	<u>1</u> 13		<u>—</u> 47	
ΔV (km/h) TOTAL	<u>026</u> 14 15 16	<u>020</u> 32 33 34	<u>—</u> 48 49 50	<u>—</u> 66 67 68
LONGITUDINAL*	<u>-026</u> 17 20	<u>+020</u> 35 38	<u>—</u> 51 54	<u>—</u> 69 72
LATERAL*	<u>+000</u> 21 24	<u>+000</u> 39 42	<u>—</u> 55 58	<u>—</u> 73 76
*NOTE: THESE ΔV COMPONENTS MUST INCLUDE SIGN.				
EXAMPLES: 10 km/h = ± 010 -7 km/h = -007				
ENERGY DISSIPATED BY CRUSH (kj)	<u>0728</u> 25 28	<u>0241</u> 43 46	<u>—</u> 59 62	<u>—</u> 77 80
RECONSTRUCTION				
(01) RECONSTRUCTED, UNKNOWN CONFIDENCE LEVEL	<u>22</u> 29 30		<u>—</u> 63 64	
(21) RECONSTRUCTED, LOW CONFIDENCE LEVEL				
(22) RECONSTRUCTED, MODERATE CONFIDENCE LEVEL				
(23) RECONSTRUCTED, HIGH CONFIDENCE LEVEL				
NOT RECONSTRUCTED BECAUSE				
(02) INSUFFICIENT DATA				
(03) EXCESSIVE UNDERRIDE/ OVERRIDE				
(04) ROLLOVER				
(05) VAULTING				
(06) OTHER TRAVEL IN MORE THAN ONE PLANE				
(07) NON-HORIZONTAL FORCE				
(08) SIDESWIPE-TYPE DAMAGE				
(09) YIELDING OBJECT				
(10) OTHER: _____				
(11) AT LEAST ONE VEHICLE BEYOND SCOPE				
(12) OTHER VEHICLE NOT INSPECTED				
MODE				
(1) CDC ONLY	<u>2</u> 31		<u>—</u> 65	
(2) CDC & DETAILED DAMAGE				
(3) TRAJECTORY & CDC				
(4) TRAJECTORY & CDC & DETAILED DAMAGE				
(5) NOT RECONSTRUCTED				
COMPUTER PROGRAM SPECIFY: <u>Smash</u>				

Duplicate columns 1-8 from the previous card.		Module <u>C</u> <u>R</u> Format <u>0</u> <u>2</u> 9 10 11 12		CRASH RECONSTRUCTION for EBS		CR-2	
		CASE VEHICLE PRIMARY IMPACT		CASE VEHICLE SECONDARY IMPACT			
		CASE VEHICLE	CONTACTED VEHICLE	CASE VEHICLE	CONTACTED VEHICLE		
EVENT NUMBER		<u>1</u> 13		<u>47</u>			
EBS (km/h)	TOTAL	<u>017</u> 14 15 16	<u>026</u> 32 33 34	<u>48</u> <u>49</u> <u>50</u>	<u>66</u> <u>67</u> <u>68</u>		
	LONGITUDINAL*	<u>-017</u> 17 20	<u>+026</u> 35 38	<u>51</u> <u>54</u>	<u>69</u> <u>72</u>		
	LATERAL*	<u>+000</u> 21 24	<u>+000</u> 39 42	<u>55</u> <u>58</u>	<u>73</u> <u>76</u>		
*NOTE: THESE EBS COMPONENTS MUST INCLUDE SIGN.							
EXAMPLES: 10 km/h = <u>±010</u> -7 km/h = <u>-007</u>							
ENERGY DISSIPATED BY CRUSH (kj)		<u>0728</u> 25 28	<u>0241</u> 43 46	<u>59</u> <u>62</u>	<u>77</u> <u>80</u>		
RECONSTRUCTION							
(01) RECONSTRUCTED, UNKNOWN CONFIDENCE LEVEL		<u>22</u> 29 30		<u>63</u> <u>64</u>			
(21) RECONSTRUCTED, LOW CONFIDENCE LEVEL							
(22) RECONSTRUCTED, MODERATE CONFIDENCE LEVEL							
(23) RECONSTRUCTED, HIGH CONFIDENCE LEVEL							
NOT RECONSTRUCTED BECAUSE							
(02) INSUFFICIENT DATA							
(03) EXCESSIVE UNDERRIDE/ OVERRIDE							
(04) ROLLOVER							
(05) VAULTING							
(06) OTHER TRAVEL IN MORE THAN ONE PLANE							
(07) NON-HORIZONTAL FORCE							
(08) SIDESWIPE-TYPE DAMAGE							
(09) YIELDING OBJECT							
(10) OTHER: _____							
(11) AT LEAST ONE VEHICLE BEYOND SCOPE							
(12) OTHER VEHICLE NOT INSPECTED							
MODE							
(1) CDC ONLY		<u>2</u> 31		<u>65</u>			
(2) CDC & DETAILED DAMAGE							
(3) TRAJECTORY & CDC							
(4) TRAJECTORY & CDC & DETAILED DAMAGE							
(5) NOT RECONSTRUCTED							
COMPUTER PROGRAM SPECIFY: <u>Smash</u>							

Duplicate columns 1-8
from the previous card.Module C B Format 0 3
9 10 11 12

CRASH RECONSTRUCTION CR-3

- NOTES:
1. ENTER CRASH RECONSTRUCTION DAMAGE MEASUREMENTS IN CENTIMETERS.
 2. MEASURE C_1 TO C_6 FROM DRIVER TO PASSENGER SIDE IN FRONT OR REAR IMPACTS, REAR TO FRONT IN SIDE IMPACTS.
 3. D IS POSITIVE IF MEASURED TO A POINT FORWARD OF OR TO THE RIGHT OF THE CG.
 4. USE THE CENTER OF THE WHEELBASE AS THE CG.

CASE VEHICLE

LOCATOR

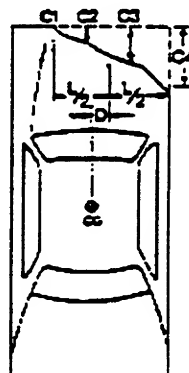
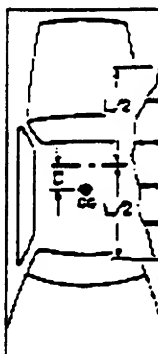
Locate the end of the damage with respect to the vehicle longitudinal center line, or an undamaged axle for side impacts.

Specific Impact No.	Location of Direct Damage	Location of Field L
1	79cm - BEGINS AT LEFT-FRONT BUMPER CORNER	118cm - BEGINS AT LEFT-FRONT BUMPER CORNER

UEW = 150
SIZE =
STIFF =
WEIGHT W/OCC = 1772

PLANE:

- (1) Bumper
- (2) Above Bumper
- (3) Sill
- (4) Above Sill
- (5) Other _____
- (9) Unknown



DL _____

UDL _____

CRUSH PROFILE IN CENTIMETERS

NOTE: Each line in the table below is a separate record (card). Duplicate columns 1 - 12 for each completed line.

Specific Impact Number	Plane of Impact C-Measur.	Direct Damage		Field L	C_1	C_2	C_3	C_4	C_5	C_6	$\pm D$
		Length (DDL)	Max Crush								
1	1	79	24.5	118	24.5	10	5.5	3.2	3	7	-35.5
FREESPACE		7			7	3	0	0	3	7	
TOTAL		17.5			17.5	7	5.5	3.2	0	0	
1	1	079	018	118	018	007	006	003	000	000	036
13	14	15 16 17	18 19 20	21 22 23	24 25 26	27 28 29	30 31 32	33 34 35	36 37 38	39 40 41	42 43 44 45
2											

Duplicate columns 1-8
from the previous card.Module C B Format 0 4
9 10 11 12

CRASH RECONSTRUCTION CR-4

NOTES:

1. ENTER CRASH RECONSTRUCTION DAMAGE MEASUREMENTS IN CENTIMETERS.
2. MEASURE C_1 TO C_6 FROM DRIVER TO PASSENGER SIDE IN FRONT OR REAR IMPACTS, REAR TO FRONT IN SIDE IMPACTS.
3. D IS POSITIVE IF MEASURED TO A POINT FORWARD OF OR TO THE RIGHT OF THE CG.
4. USE THE CENTER OF THE WHEELBASE AS THE CG.

OTHER VEHICLE

LOCATOR

Locate the end of the damage with respect to the vehicle longitudinal center line, or an undamaged axle for side impacts.

Specific Impact No.	Location of Direct Damage	Location of Field L
1	BEGIN AT RIGHT-REAR BUMPER CORNER TO BUMPER CORNER	BUMPER CORNER TO BUMPER CORNER

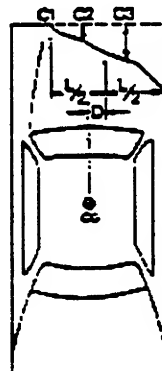
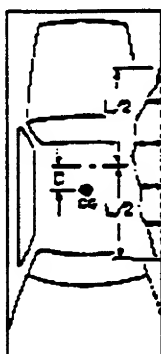
UEW = 180

SIZE
STIFF

WEIGHT W/OCC = 2333

PLANE:

- (1) Bumper
- (2) Above Bumper
- (3) Sill
- (4) Above Sill
- (5) Other _____
- (9) Unknown

STRINGLINE IS SET AT
484 CM FROM FRONT
WHEELBASE 484 - 474 = 10

DL _____

UDL _____

CRUSH PROFILE IN CENTIMETERS

NOTE: Each line in the table below is a separate record (card). Duplicate columns 1 - 12 for each completed line.

Specific Impact Number	Plane of Impact C-Measur.	Direct Damage		Field L	C ₁	C ₂	C ₃	C ₄	C ₅	C ₆	±D
		Length (DDL)	Max Crush								
1	1	108	53	172	5	12	29.5	42	43	53	+36
BUMPER FREESPACE			4		4	1	0	0	1	4	
STRINGLINE ADJUSTMENT			-10		-10	-10	-10	-10	-10	-10	
TOTAL			39		0	1	19.5	32	32	39	
1	1	108	039	172	000	001	020	032	032	039	+036
13	14	15 16 17	18 19 20	21 22 23	24 25 26	27 28 29	30 31 32	33 34 35	36 37 38	39 40 41	42 43 44 45
2											

Duplicate columns 1-8
from the previous card.

Module W 1 Format 0 1
9 10 11 12

WHEELS AND TIRES

WT-1

WHEELS--DAMAGED

- (0) NO
(1) YES
(9) UNKNOWN

LF 1
13

RF 0

RR 0

LR 0
16

SIZE (NOT DOT CODE. IF UNKNOWN, USE 9'S)

LF P 205 70 R 16
25

RF _____
35

RR _____
45

LR _____
55

TIRE TREAD TYPE

- (1) REGULAR
(2) SNOW
(3) SLICKS
(4) ALL WEATHER (MS)
(7) OTHER: _____
(9) UNKNOWN

LF 4
17

RF 4

RR 4

LR 4
20

CARCASS CONSTRUCTION

- (1) BIAS
(2) BELTED BIAS
(3) RADIAL
(4) ELLIPTICAL
(5) HI PRESSURE SPARE
(6) SPACE SAVER SPARE
(7) OTHER: _____
(9) UNKNOWN

LF 3
21

RF 3

RR 3

LR 3
24

IF VEHICLE IS EQUIPPED WITH DUAL
WHEELS, COMPLETE FOR OUTER WHEELS
AND MAKE NOTES ON INNER WHEELS.

NOTES: _____

Duplicate columns 1-8
from the previous card.

Module F I Format 0 1
9 10 11 12

FUEL AND FUEL TANKS FT-1

TYPE OF PROPULSIVE FUEL

- (1) GASOLINE
- (2) DIESEL OIL
- (3) LPG
- (4) ELECTRIC
- (7) OTHER: _____
- (9) UNKNOWN

1
13

AUXILIARY TANK TYPE

- (1) OEM TANK
- (2) AFTER MARKET TANK
- (8) NOT APPLICABLE (NOT EQUIPPED)
- (9) UNKNOWN

8
21

MAIN TANK LOCATION

322
14 16

AUXILIARY TANK LOCATION

888
22 24

MAIN FILLER CAP LOCATION

113
17 19

AUXILIARY FILLER CAP LOCATION

888
25 27

MAIN TANK MATERIAL

9
20

AUXILIARY TANK MATERIAL

8
28

TANK AND FILLER CAP LOCATION CODES

FIRST DIGIT (LONGITUDINAL)

- (1) BEHIND KICK-UP
- (2) IN KICK-UP
- (3) BETWEEN KICK-UP & COWL
- (4) FORWARD OF COWL
- (8) NOT APPLICABLE (NOT EQUIPPED)
- (9) UNKNOWN

SECOND DIGIT (LATERAL)

- (1) LEFT OF FRAME
- (2) WITHIN FRAME OR CENTERED
- (3) RIGHT OF FRAME
- (4) DUAL, RIGHT & LEFT TANKS
- (8) NOT APPLICABLE (NOT EQUIPPED)
- (9) UNKNOWN

THIRD DIGIT (VERTICAL)

- (1) BELOW FRAME
- (2) WITHIN FRAME OR CENTERED
- (3) ABOVE FRAME
- (8) NOT APPLICABLE (NOT EQUIPPED)
- (9) UNKNOWN

TANK MATERIAL CODES

- (1) STEEL
- (2) ALUMINUM
- (3) PLASTIC
- (7) OTHER
- (8) NOT APPLICABLE (NOT EQUIPPED)
- (9) UNKNOWN

Duplicate columns 1-8
from the previous card.Module F 1 Format 0 1
9 10 11 12

FUEL LEAKAGE FL-1

DID FUEL LEAKAGE RESULT FROM A CRASH EVENT

(0) NO KNOWN LEAKAGE SKIP PAGE.(1) YES COMPLETE PAGE.0
13

LEAK NUMBER	I LEAKING COMPONENT	II COMPONENT SOURCE	III TYPE OF DAMAGE	IV SEVERITY OF DAMAGE	V LOCATION OF LEAK	EVENT NUMBER
#1	<u> </u> <u> </u> 14 15	<u> </u>	<u> </u>	<u> </u>	<u> </u> <u> </u>	<u> </u> 21
#2	<u> </u> <u> </u> 22 23	<u> </u>	<u> </u>	<u> </u>	<u> </u> <u> </u>	<u> </u> 29
#3	<u> </u> <u> </u> 30 31	<u> </u>	<u> </u>	<u> </u>	<u> </u> <u> </u>	<u> </u> 37
#4	<u> </u> <u> </u> 38 39	<u> </u>	<u> </u>	<u> </u>	<u> </u> <u> </u>	<u> </u> 45
#5	<u> </u> <u> </u> 46 47	<u> </u>	<u> </u>	<u> </u>	<u> </u> <u> </u>	<u> </u> 53

I LEAKING COMPONENT

TANK AREA

- (11) MAIN FUEL TANK (INCLUDING
VAPOR RECOVERY DOME)
(12) AUXILIARY FUEL TANK
(13) MAIN TANK FILLER TUBE
(14) MAIN TANK CAP (GAS CAP)
(15) AUXILIARY TANK FILLER TUBE
(16) AUXILIARY TANK CAP (GAS CAP)
(19) TANK AREA, DETAILS UNKNOWN

DELIVERY SYSTEM

- (21) FUEL FEED LINE (MAIN TANK
TO FUEL PUMP)
(22) FUEL FEED LINE (AUXILIARY
TANK TO FUEL PUMP)
(23) FUEL RETURN LINE (FUEL
PUMP TO TANK)
(24) INLINE FUEL FILTER
(25) FUEL LINE (PUMP TO
CARBURETOR OR INJECTOR PUMP)
(26) CARBURETOR TO INJECTOR PUMP
(27) FUEL PUMP
(29) DELIVERY SYSTEM, DETAILS
UNKNOWN

EVAPORATIVE EMISSION CONTROL SYSTEM

- (31) ATMOSPHERIC VENT PIPE
(NON-EEC EQUIPPED)
(32) EEC PIPE (VAPOR CANISTER
TO CARBURETOR)

EEC SYSTEM (CONTINUED)

- (33) VAPOR RECOVERY HOSES
(CANISTER TO CARBURETOR)
(34) LIQUID-VAPOR SEPARATOR
(UNLESS PART OF TANK)
(35) CANISTER
(39) EEC SYSTEM, DETAILS
UNKNOWN

- (49) ENGINE COMPARTMENT,
COMPONENT UNKNOWN
(99) COMPONENT UNKNOWN

II COMPONENT SOURCE

- (1) OEM
(2) AFTER MARKET
(9) UNKNOWN

III TYPE OF DAMAGE

- (1) DENTED/CRUSHED
(2) PUNCTURED
(3) RUPTURED
(4) SEVERED/GROSS TEARS
(5) DISCONNECTED/DEFEATED
(9) UNKNOWN

IV SEVERITY OF DAMAGE

- (1) MINOR
(2) MODERATE
(3) SEVERE
(4) DISCONNECTED/DEFEATED
(9) UNKNOWN

V LOCATION OF LEAK

FIRST DIGIT
(LONGITUDINAL LOCATION)

- (1) F, FORWARD OF COWL
(2) P, BETWEEN COWL &
REAR BULKHEAD
(3) B, BEHIND REAR BULKHEAD
(4) Y, F, & P
(5) Z, P, & B
(6) D, DISTRIBUTED
(F, P & B)
(9) UNKNOWN

SECOND DIGIT
(LATERAL LOCATION)

- (1) L, LEFT
(2) C, CENTER
(3) R, RIGHT
(4) Y, LEFT CENTER (L & C)
(5) Z, RIGHT CENTER (R & C)
(6) D, DISTRIBUTED
(F, P & B)
(9) UNKNOWN

Duplicate columns 1-8
from the previous card.

Module F R Format 0 1
9 10 11 12

FIRE FR-1

WAS THERE FIRE IN OR ON CASE VEHICLE?

(0) NO SKIP PAGE.

(1) YES COMPLETE PAGE.

0
13

DID FIRE START IN CASE VEHICLE?

- (0) NO
(1) YES
(9) UNKNOWN

14

SEVERITY OF FIRE DAMAGE

- (1) MINOR
(2) MODERATE
(3) SEVERE
(9) UNKNOWN

16

FLAME PROPOGATION RATE

- (1) RAPID/EXPLOSIVE
(2) SLOW/MODERATE
(9) UNKNOWN

15

DID AN INJURY TO CASE
VEHICLE OCCUPANT RESULT FROM
FIRE IN OR ON CASE VEHICLE?

- (0) NO
(1) YES
(9) UNKNOWN

17

PROVIDE NOTES IF FIRE OCCURRED.

Duplicate columns 1-8
from the previous card.Module E D Format 0 1
9 10 11 12

EXTERIOR DAMAGE

ED-1

HOOD PERFORMANCE

FOR THE FOLLOWING, USE CODES:

- (0) NO
(1) YES
(8) NOT APPLICABLE
(9) UNKNOWN

HOOD LATCH(ES)- -RELEASED

-DAMAGED

-JAMMED

HOOD HINGES- -LEFT, DAMAGED

-LEFT, SEPARATED
(COMPLETE)

-RIGHT, DAMAGED

-RIGHT, SEPARATED
(COMPLETE)

HOOD REMAINED ON VEHICLE

REAR EDGE OF HOOD- -ELEVATED

-CONTACTED WINDSHIELD

-PENETRATED WINDSHIELD

HOOD LATCH LOCATION

- (1) FRONT OF VEHICLE
(2) COWL AREA
(3) SIDE
(8) NOT APPLICABLE
(9) UNKNOWN

ENGINE OR TRANSMISSION MOUNT

SEPARATION (COMPLETE)

- (0) NO
(1) YES
(9) UNKNOWN

STEERING COL FLEXIBLE COUPLING

FLEXIBLE COUPLING TYPE

- (0) NONE
(1) FLEXIBLE MATERIAL
(2) POT
(3) SINGLE U-JOINT
(4) DOUBLE U-JOINT
(5) FLEXIBLE CABLE
(6) COMBINATION OF ABOVE
(CIRCLE EACH)
(7) OTHER: _____
(8) EQUIPPED, TYPE UNKNOWN
(9) UNKNOWN, IF EQUIPPED

COUPLING- -DAMAGED

(USE CODES
FROM HOOD
PERFORMANCE)-SEPARATED
(COMPLETE)

ENG COMPART TELESCOPING UNIT

TYPE OF UNIT

- (00) NONE INSTALLED
(01) - (07) SEE UNITS ON PAGE ED-2
(88) NOT COLLECTED
(97) OTHER: _____
(98) EQUIPPED, TYPE UNKNOWN
(99) UNKNOWN IF EQUIPPED

ORIGINAL LENGTH (mm)

F (OR H): _____

TELESCOPED LENGTH (mm)

G: _____

DIFFERENCE (mm)

F (OR H) - G

(IF LESS THAN 15mm, ENTER "000".)

- (888) NOT COLLECTED
(991) NOT MEASURED/NO
COMPRESSION
(992) COMPRESSED, AMOUNT
UNKNOWN
(993) DEVICE EXTENDED
(997) UNABLE TO BE MEASURED
(998) NOT APPLICABLE (NOT
EQUIPPED)
(999) UNKNOWN

EXTERIOR DAMAGE

ED-2

LEFT-SIDE BODY MOUNT

DID BODY MOUNT SEPARATE?

- (0) NO
 (1) YES
 (8) NOT APPLICABLE
 (9) UNKNOWN

0
 34

LEFT PILLARS

PILLARS SEPARATED COMPLETELY -

USE CODES:

- (0) NO
 (1) YES
 (4) NO SEPARATION, BUT DAMAGED
 (8) NOT APPLICABLE (NOT EQUIPPED)
 (9) UNKNOWN

-A-PILLAR, UPPER

0
 35

LOWER

0
 36

-B-PILLAR, UPPER

0
 37

LOWER

0
 38

-C-PILLAR, UPPER

0
 39

LOWER

0
 40

-D-PILLAR, UPPER

8
 41

LOWER

8
 42

LEFT DOORS

HOW DID DOORS
OPEN DURING COLLISION?

USE CODES:

(0) DOOR DID NOT OPEN

OPENED BECAUSE OF

- (1) HINGE AREA SEPARATION
 (2) DOOR-LATCH SEPARATION
 (3) LATCH-STRIKER SEPARATION
 (4) STRIKER-PILLAR SEPARATION
 (5) BODY DISTORTION
 (6) COMBINATION OF ABOVE
 (CIRCLE EACH)
 (7) OPENED, REASON UNKNOWN

(8) NOT APPLICABLE (NO DOOR)

(9) UNKNOWN

-FRONT

0
 43

-REAR

8
 44

DOORS JAMMED CLOSED-

USE CODES:

- (0) NO
 (1) YES
 (8) NOT APPLICABLE (NO DOOR)
 (9) UNKNOWN

-FRONT

0
 45

-REAR

8
 46

EXTERIOR DAMAGE

ED-3

REAR DOOR

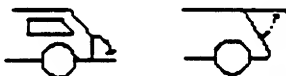
REAR DOOR TYPE

- (0) NO DOOR (INCLUDES PICKUPS)
 (1) HATCHBACK
 (2) ONE-WAY TAILGATE
 (3) TWO-WAY TAILGATE
 (4) CLAMSHELL/DISAPPEARING TAILGATE
 (5) SINGLE DOOR
 (6) DOUBLE DOOR
 (9) UNKNOWN

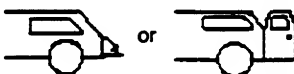
Hatchback



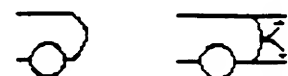
One-way



Two-way



Clamshell



Single door



Double door

HOW DID DOOR
OPEN DURING COLLISION?

- (0) DOOR DID NOT OPEN

OPENED BECAUSE OF

- (1) HINGE AREA SEPARATION
 (2) DOOR-LATCH SEPARATION
 (3) LATCH-STRIKER SEPARATION
 (4) STRIKER-PILLAR SEPARATION
 (5) BODY DISTORTION
 (6) COMBINATION OF ABOVE
 (CIRCLE EACH)
 (7) OPENED, REASON UNKNOWN
 (8) NOT APPLICABLE (NO DOOR)
 (9) UNKNOWN

DOOR JAMMED CLOSED

- (0) NO
 (1) YES
 (8) NOT APPLICABLE (NO DOOR)
 (9) UNKNOWN

OTHER REAR DAMAGE

WAS PARTITION TO LUGGAGE AREA
DAMAGED DURING COLLISION?

- (0) NO
 (1) YES
 (8) NOT APPLICABLE
 (9) UNKNOWN

SPARE TIRE

- (0) NO SPARE TIRE
 (1) NOT ATTACHED BEFORE COLLISION
 (2) ATTACHED, NOT SEPARATED IN COLLISION
 (3) ATTACHED, SEPARATED DUE TO COLLISION
 (8) NOT COLLECTED
 (9) UNKNOWN

TRAILER HITCH TYPE

- (0) NO HITCH

BALL-AND-SOCKET TYPES

- (1) TEMPORARY FRAMEWORK (E.G. RENTAL CLAMP-ON)
 (2) BUMPER-MOUNT ONLY (E.G. LIGHT TRUCK)
 (3) BUMPER-AND-FRAME (BUT NON-EQUALIZING)
 (4) LOAD EQUALIZING

OTHER TYPES

- (5) RING-AND-PINTLE
 (6) FIFTH-WHEEL (INCL. P/U)
 (7) OTHER (E.G. CLEVIS-AND-PIN)

- (8) EQUIPPED, TYPE UNKNOWN
 (9) UNKNOWN IF EQUIPPED

TRAILER TYPE
(AT TIME OF COLLISION)

- (0) NO TRAILER
 (1) TRAVEL-TRAILER/CAMPER
 (2) MOBILE HOME
 (3) BOAT/SNOWMOBILE/ATV TRAILER
 (4) UTILITY TRAILER
 (5) TOWED CAR
 (7) OTHER: _____
 (8) TRAILER, TYPE UNKNOWN
 (9) UNKNOWN

EXTERIOR DAMAGE

ED-4

RIGHT-SIDE BODY MOUNT

DID BODY MOUNT SEPARATE?

- (0) NO
 (1) YES
 (8) NOT APPLICABLE
 (9) UNKNOWN

0
 54

RIGHT PILLARS

PILLARS SEPARATED COMPLETELY -

USE CODES:

- (0) NO
 (1) YES
 (4) NO SEPARATION, BUT DAMAGED
 (8) NOT APPLICABLE (NOT EQUIPPED)
 (9) UNKNOWN

-A-PILLAR, UPPER

0
 55

LOWER

0
 56

-B-PILLAR, UPPER

0
 57

LOWER

0
 58

-C-PILLAR, UPPER

0
 59

LOWER

0
 60

-D-PILLAR, UPPER

8
 61

LOWER

8
 62

RIGHT DOORS

HOW DID DOORS
OPEN DURING COLLISION?

USE CODES:

(00) DOOR DID NOT OPEN

OPENED BECAUSE OF

- (01) HINGE AREA SEPARATION
 (02) DOOR-LATCH SEPARATION
 (03) LATCH-STRIKER SEPARATION
 (04) STRIKER-PILLAR SEPARATION
 (05) BODY DISTORTION
 (06) COMBINATION OF ABOVE
 (CIRCLE EACH)
 (07) OPENED, REASON UNKNOWN
 (11) VAN RIGHT-REAR DOOR OPENED
 (ANY MECHANISM)

(98) NOT APPLICABLE (NO DOOR)

(99) UNKNOWN

-FRONT

00
 63 64

-REAR

98
 65 66

DOORS JAMMED CLOSED-

USE CODES:

- (0) NO
 (1) YES
 (8) NOT APPLICABLE (NO DOOR)
 (9) UNKNOWN

-FRONT

0
 67

-REAR

8
 68

VAN REAR DOOR TYPE

- (0) VAN, NO REAR DOOR
 (1) TRACK (SLIDING) - RIGHT SIDE
 (2) SINGLE-HINGED - RIGHT SIDE
 (3) DOUBLE-HINGED - RIGHT SIDE
 (4) TRACK (SLIDING) - RIGHT & LEFT SIDE
 (5) SINGLE-HINGED - RIGHT & LEFT SIDE
 (6) DOUBLE-HINGED - RIGHT & LEFT SIDE
 (7) TRACK AND HINGED COMBINATION
 (8) NOT APPLICABLE (NOT A VAN)
 (9) UNKNOWN

8
 69

EXTERIOR DAMAGE

ED-5

WINDSHIELD DAMAGE

WINDSHIELD CRACKED

- (0) NO
 (1) YES
 (8) NOT APPLICABLE
 (9) UNKNOWN

WINDSHIELD BROKEN
(PLASTIC INTERLAYER TORN)

- (0) NO
 (1) YES
 (8) NOT APPLICABLE
 (9) UNKNOWN

CRACKED OR BROKEN
BY OCCUPANT CONTACT

- (0) NO
 (1) YES
 (8) NOT APPLICABLE
 (9) UNKNOWN

EXTENT OF BOND SEPARATION

- (0) NONE
 (1) 1 - 20%
 (2) 21 - 40
 (3) 41 - 60
 (4) 61 - 80
 (5) 81 - 99
 (6) TOTAL
 (7) SEPARATED, AMOUNT
 UNKNOWN
 (8) NOT APPLICABLE
 (9) UNKNOWN

WINDSHIELD MARK ON CASE VEHICLE:

SOLAR TINT
 (N) LAMINATED (R)
 SUNVISOR ASI

WINDSHIELD CODE

- (97) DESCRIBED BUT NOT CODED
 (98) NOT APPLICABLE (NO WINDSHIELD)
 (99) UNKNOWN

92
 74 75

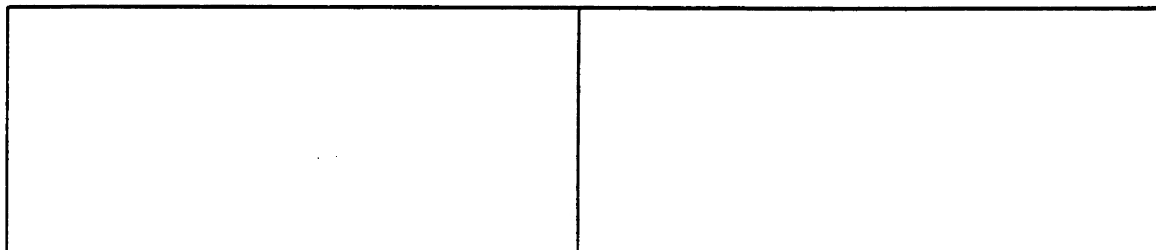
ROOF

DID T-ROOF/SUN ROOF OPEN
DURING COLLISION?

- (0) NO
 (1) YES
 (8) NOT APPLICABLE
 (NOT A T-ROOF OR SUN ROOF)
 (9) UNKNOWN

0
 76

LOCATE AREA OF WINDSHIELD INTEREST OR DAMAGE WITH DIMENSIONS (VERTICAL
 & HORIZONTAL) ON THIS DIAGRAM OF THE WINDSHIELD AS VIEWED FROM INSIDE.



L

C

R

Duplicate columns 1-8
from the previous card.Module S C Format 0 1
9 10 11 12

STEERING WHEEL AND COLUMN SC-1

STEERING WHEEL

STEERING WHEEL RIM DAMAGE

- (0) NONE
 (1) DEFORMED SLIGHTLY
 (2) SEVERELY BENT
 (3) BROKEN
 (9) UNKNOWN

0
13NUMBER OF
STEERING WHEEL SPOKES

- (9) UNKNOWN

4
14

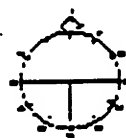
STEERING WHL SPOKE DAMAGE

- (0) NONE
 (1) DEFORMED SLIGHTLY
 (2) SEVERELY BENT
 (3) BROKEN
 (9) UNKNOWN

0
15STEERING WHEEL POSITION
AT TIME OF COLLISION

IN WHAT O'CLOCK POSITION WAS THE
 NORMAL TOP OF THE WHEEL POINTED
 WHEN THE COLLISION OCCURRED?

EXAMPLES

O'CLOCK = 12O'CLOCK = 02(NORMAL STRAIGHT
AHEAD)O'CLOCK = 02

(99) UNKNOWN

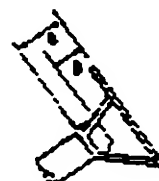
STEERING WHEEL
ENERGY ABSORBING DEVICE

(1) EXAMPLES:



BARRACUDA, 70 - 74
 CHALLENGER, 70 - 74
 CAPRI, 71 - 77

(2) EXAMPLES:



OMNI, 78 -
 HORIZON, 78 -

STEERING COLUMN OPTIONS

TILT FEATURE

- (0) NOT EQUIPPED
 (1) YES, EQUIPPED, UNK POSITION
 (2) UP
 (3) MIDDLE
 (4) LOWER
 (9) UNKNOWN IF EQUIPPED

3
16

SWING-AWAY FEATURE

- (0) NOT EQUIPPED
 (1) YES, EQUIPPED
 (9) UNKNOWN IF EQUIPPED

0
17

TELESCOPING FEATURE

- (0) NOT EQUIPPED
 (1) YES, EQUIPPED
 (9) UNKNOWN IF EQUIPPED

0
18

TYPE OF DEVICE

- (0) NONE
 (1) CONVOLUTED OR MESH CYLINDER
 (2) DEEP DISH STEERING WHEEL
 (7) OTHER: _____
 (8) NOT COLLECTED
 (9) UNKNOWN IF EQUIPPED

8
19

ORIGINAL DIMENSION (mm)

A: _____

DAMAGE DIMENSION (mm)

B: _____

DIFFERENCE (mm)

A - B

- (888) NOT COLLECTED
 (991) NOT MEASURED/NO APPARENT
 COMPRESSION
 (992) COMPRESSED, AMOUNT UNKNOWN
 (993) DEVICE EXTENDED
 (997) UNABLE TO MEASURE
 (998) NOT APPLICABLE (NOT EQUIPPED)
 (999) UNKNOWN

8 8 8
20 22

STEERING WHEEL AND COLUMN SC-2

STEERING COLUMN
ENERGY ABSORBING DEVICE

TYPE OF DEVICE * (IF 27 OR 28)

- (00) NOT EQUIPPED
(88) NOT COLLECTED
(99) UNKNOWN

$$\frac{8}{23} \quad \frac{8}{24}$$

ORIGINAL LENGTH (mm)

C: _____

COMPRESSED LENGTH (mm)

D: _____

BRACKET DEFLECTION (IF CODE 36, 48,
OR 49 ABOVE)

OR

COMPRESSION (OR EXTRUSION) (mm)

C - D (OR E) (TOLERANCE: ± 10)

- (888) NOT COLLECTED
(991) NOT MEASURED/NO APPARENT
COMPRESSION
(992) COMPRESSED, AMOUNT UNKNOWN
(993) DEVICE EXTENDED
(997) UNABLE TO BE MEASURED
(998) NOT APPLICABLE (NOT EQUIPPED)
(999) UNKNOWN

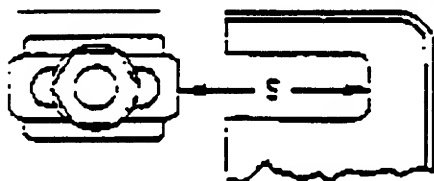
$$\frac{8}{25} \quad \frac{8}{26} \quad \frac{8}{27}$$

* (ADD A & B FOR TOTAL COMPRESSION)

SHEAR CAPSULE SEPARATION (mm)

S (USE AVG. OF LEFT & RIGHT CAPSULES.)

LT:



RT:

- (888) NOT COLLECTED
(991) NOT MEASURED/NO APPARENT
SEPARATION
(992) SEPARATED, AMOUNT UNKNOWN
(997) UNABLE TO BE MEASURED
(998) NOT APPLICABLE (NOT EQUIPPED)
(999) UNKNOWN

$$\frac{8}{28} \quad \frac{8}{29} \quad \frac{8}{30}$$

COLUMN VERTICAL ROTATION

- (0) NO APPARENT ROTATION
(1) UPWARD APPARENT ROTATION
(2) DOWNWARD APPARENT ROTATION
(9) UNKNOWN

$$\frac{0}{31}$$

COLUMN LATERAL ROTATION

- (0) NO APPARENT ROTATION
(1) LEFT APPARENT ROTATION
(2) RIGHT APPARENT ROTATION
(9) UNKNOWN

$$\frac{0}{32}$$

STEERING WHEEL (CONTINUED)

STEERING WHEEL HUB DAMAGE

- (0) NONE
(1) OCCUPANT CONTACT
(2) AIRBAG
(3) OTHER _____
(9) UNKNOWN

$$\frac{0}{33}$$

INTRUSION IT-1

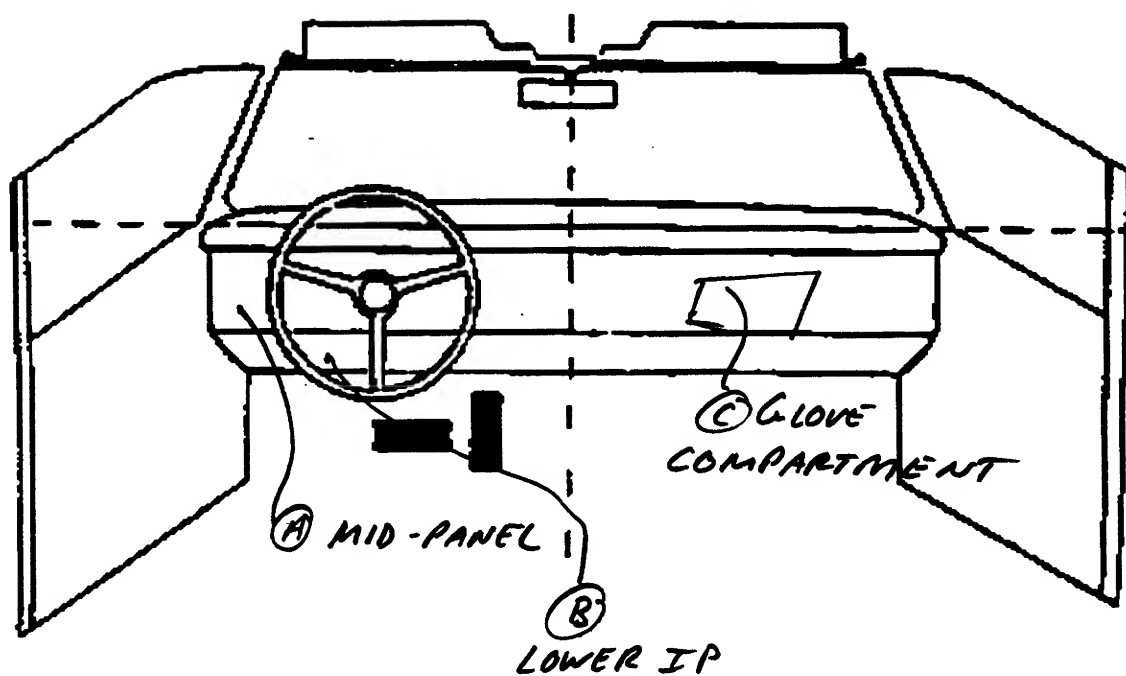
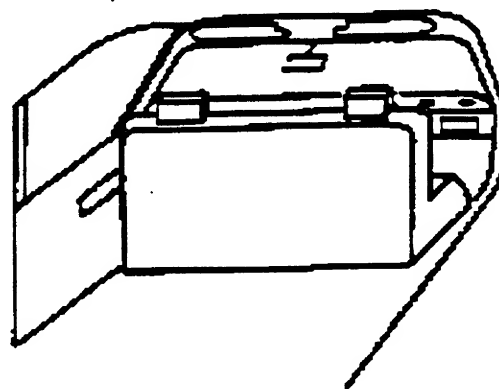
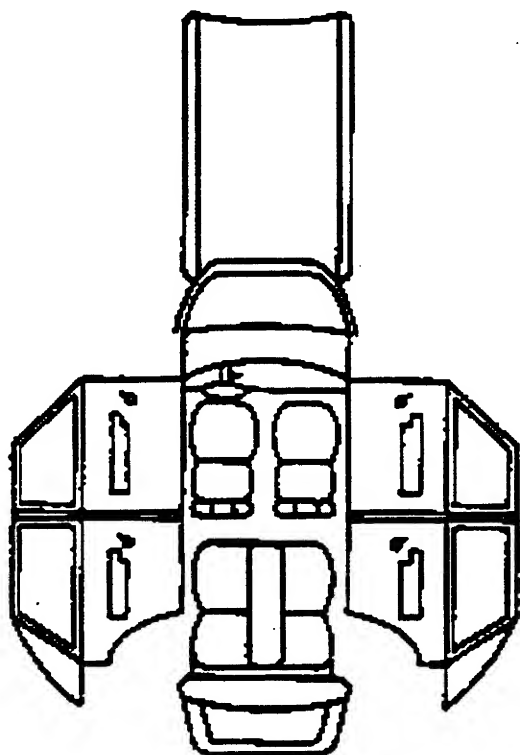
[illegible]

OCCUPANT CONTACT WORKSHEET

Contact	Interior Component Contacted	Occupant No. if Known	Body Region if Known	Supporting Physical Evidence	Confidence Level of Contact Point
A	MID IP	1	KNEE	3CM SCUFF LEFT	1
B	LOWER IP	1	KNEE	9x2CM SCUFF LEFT	1
C	Glove Box	2	KNEE	HANDLE CRACKED, SCUFF	1
D					
E					
F					
G					
H					
I					
J					

INTRUSION IT-2

VEHICLE OCCUPANT CONTACT DIAGRAM



INTRUSION IT-3

CODES FOR COLUMN B, OCCUPANT SPACE NUMBER

OCCUPANT SPACE NUMBER IS A TWO-DIGIT CODE. THE USE OF THE CODE IS DETERMINED BY THE VEHICLE SEAT CONFIGURATION AT THE TIME OF THE ACCIDENT.

FIRST DIGIT

THE FIRST DIGIT (LEFT DIGIT) DENOTES THE SEAT ROW, WITH CODE VALUES FROM 1 TO 5.

SECOND DIGIT

THE SECOND DIGIT (RIGHT DIGIT) DENOTES THE POSITION ON THE SEAT AND, IN SOME INSTANCES, THE WIDTH OF THE SEAT.

- (1) LEFT (3) RIGHT INDIVIDUAL SEAT
- (1) LEFT (2) CENTER (3) RIGHT BENCH: FULL WIDTH 3 PASSENGER
- (1) LEFT (2) LEFT CENTER (6) RIGHT CENTER (3) RIGHT BENCH: FULL WIDTH 4 PASSENGER
- (1) LEFT (2) CENTER (5) RIGHT & BENCH: PARTIAL WIDTH, LEFT AISLE SPACE
- (0) LEFT & SPACE (2) CENTER (5) RIGHT & BENCH: PARTIAL WIDTH, CENTERED SPACE
- (4) ENTIRE VEHICLE WIDTH CARGO AREA

EXAMPLES

THE TWO FIGURES BELOW PROVIDE EXAMPLES OF THE OCCUPANT SPACE NUMBER.

PASSENGER CAR
5 PASSENGERS

X	X	11	13
X	X	21	22 23

VAN
12 PASSENGER CAPACITY

X	X	11	13
X	X	X	21 22 25
X	X	X	31 32 35
X	X	X	X
X	X	X	X
X	X	X	X
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X	X	X	X
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X	X	X	X
X	X	X	X
X	X	X	X
X	X	X	

CODES FOR COLUMN F, MEASUREMENT AXIS

- (X) X-AXIS (FORE & AFT)
(Y) Y-AXIS (LATERAL)
(Z) Z-AXIS (VERTICAL)

CODES FOR COLUMNS G, H, I & J, OCCUPANT & INJURY NUMBERS

OCCUPANT NUMBER	INJURY NUMBER	CONTACT
(00)	(00)	NO CONTACT
(##)	(00)	CONTACT, NO INJURY
(97)	(99)	CONTACT, OCCUPANT UNKNOWN, INJURY UNKNOWN
(99)	(00) OR (99)	UNKNOWN IF CONTACT

INTRUSION IT-4

CODES FOR COLUMN C, INTRUDING COMPONENT OR OBJECT

NOTE: DO NOT CODE OBJECTS OTHER THAN COMPONENTS OF CASE VEHICLE.

INDIVIDUAL COMPONENT

INTERNAL

- (01) INSTRUMENT PANEL
- (02) FIRE WALL
- (03) TOE PAN
- (04) FLOOR PAN
- (05) STEERING COLUMN
- (06) WINDSHIELD
- (07) WINDSHIELD HEADER
- (08) A-PILLAR
- (09) DOOR PANEL OR SIDE PANEL
- (10) WINDOW FRAME
- (11) B-PILLAR
- (12) C-PILLAR
- (13) D-PILLAR
- (14) ROOF SIDE RAILS
- (15) ROOF OR CONVERTIBLE TOP
- (16) BACKLIGHT HEADER
- (17) FRONT SEAT-BACK SURFACE/
SEAT-BACK BACK SURFACE
- (18) SECOND SEAT-BACK SURFACE
SEAT-BACK BACK SURFACE
- (19) THIRD SEAT-BACK SURFACE
SEAT-BACK BACK SURFACE
- (20) FOURTH SEAT-BACK SURFACE
SEAT-BACK BACK SURFACE
- (21) FIFTH SEAT-BACK SURFACE
SEAT-BACK BACK SURFACE
- (22) BACK PANEL/BACK DOOR SURFACE
- (23) SEAT CUSHION SURFACE/EDGE
- (24) CONSOLE
- (25) OTHER (DESCRIBE)
- (26) UNKNOWN INTERNAL SURFACES
- (28) TRANSMISSION TUNNEL (HUMP)
- (29) SIDE FOOTWELL PANEL (KICKPANEL)
- (30) SILL

EXTERNAL

- (43) HOOD
- (44) OBJECT EXTERNAL TO PASSENGER
COMPARTMENT BUT PART
OF CASE VEHICLE
- (45) OUTSIDE SURFACE OF CASE VEHICLE
- (46) OTHER (E.G. SPARE TIRE,
JACK. DESCRIBE.)
- (49) UNKNOWN EXTERNAL OBJECT

GROUPED FOR MASSIVE INTRUSION INTO AN OCCUPANT SPACE

USE ONLY IF ALL THESE COMPONENTS
INTRUDED INTO A SINGLE OCCUPANT SPACE.

- | | |
|--|--|
| (50) WINDSHIELD HEADER
A-PILLAR
ROOF SIDE RAIL | (60) ROOF
ROOF RAIL
A-PILLAR
B-PILLAR
C-PILLAR
WINDOW FRAME
DOOR PANEL
FLOOR PAN |
| (51) INSTRUMENT PANEL
A-PILLAR
DOOR PANEL | (61) INSTRUMENT PANEL
TOE PAN
WINDSHIELD HEADER
A-PILLAR
ROOF RAIL
WINDOW FRAME
DOOR PANEL
ROOF |
| (52) INSTRUMENT PANEL
A-PILLAR
WINDSHIELD HEADER | (62) ROOF
ROOF RAIL
C-PILLAR
WINDOW FRAME
FLOOR PAN
SECOND SEAT
DOOR PANEL |
| (53) DOOR PANEL
B-PILLAR
ROOF RAIL | (63) ROOF RAIL
ROOF
B-PILLAR
WINDOW FRAME
FLOOR PAN
DOOR PANEL
SECOND SEAT
FRONT SEAT |
| (54) DOOR PANEL
A-PILLAR
ROOF RAIL | (64) ROOF RAIL
ROOF OR CONVERTIBLE TOP
A-PILLAR
B-PILLAR
WINDOW FRAME
WINDOW HEADER |
| (55) INSTRUMENT PANEL
FLOOR PAN
A-PILLAR
DOOR FRAME | (65) WINDSHIELD
WINDSHIELD HEADER
ROOF SIDE RAIL |
| (56) ROOF RAIL
A-PILLAR
B-PILLAR
WINDOW FRAME | (66) WINDSHIELD
WINDSHIELD HEADER
A-PILLAR |
| (57) ROOF RAIL
A-PILLAR
B-PILLAR
C-PILLAR
DOOR PANEL | (98) NOT APPLICABLE |
| (58) ROOF
ROOF RAIL
WINDOW FRAME
DOOR PANEL | (99) UNKNOWN |
| (59) BACKLIGHT HEADER
ROOF
C-PILLAR
THIRD SEAT-BACK | |

Duplicate columns 1-8
from the previous card.

Module 1 1 Format 0 2
9 10 11 12

INTRUSION IT-6

NOTE: Each line in the table below is a separate record (card).
Duplicate columns 1 - 12 for each completed line.

- ADDITIONAL PAGE -

INTRUSIONS CODE INTRUSIONS IN THIS ORDER: LEFT TO RIGHT ON ROW; FRONT TO BACK IN VEHICLES.
CODES FOR B, F, G, H, I, J ON PAGE IT-3
CODES FOR C ON PAGE IT-4

OCCUPANT CONTACT AND INJURY

A	B	C	D	E	F	G	H	I	J	K
INTRUSION NUMBER	OCC. SPACE NO.	INTRUDING COMPONENT OR OBJECT	ASSOC. EVENT NO.	MAXIMUM INTRUSION X AXIS (cm)	MAXIMUM INTRUSION Y AXIS (cm)	MAXIMUM INTRUSION Z AXIS (cm)	OCCUPANT NUMBER	INJURY NUMBER	OCCUPANT NUMBER	INJURY NUMBER
13-14	15-16	17-18	19	20-21	22-23	24-25	26-27	28-29	30-31	32-33
0 8	---	---	---	---	---	---	---	---	---	---
0 9	---	---	---	---	---	---	---	---	---	---
1 0	---	---	---	---	---	---	---	---	---	---
1 1	---	---	---	---	---	---	---	---	---	---
1 2	---	---	---	---	---	---	---	---	---	---
1 3	---	---	---	---	---	---	---	---	---	---
1 4	---	---	---	---	---	---	---	---	---	---
1 5	---	---	---	---	---	---	---	---	---	---
1 6	---	---	---	---	---	---	---	---	---	---
1 7	---	---	---	---	---	---	---	---	---	---
1 8	---	---	---	---	---	---	---	---	---	---
1 9	---	---	---	---	---	---	---	---	---	---
2 0	---	---	---	---	---	---	---	---	---	---
2 1	---	---	---	---	---	---	---	---	---	---
2 2	---	---	---	---	---	---	---	---	---	---
2 3	---	---	---	---	---	---	---	---	---	---
2 4	---	---	---	---	---	---	---	---	---	---
2 5	---	---	---	---	---	---	---	---	---	---

Duplicate columns 1-8 from the previous card.		Module <u>1</u> <u>D</u>	Format <u>0</u> <u>1</u>	INTERIOR DAMAGE		ID-1
		9	10	11	12	
CODES: (0) NO (1) YES (3) NO, and OCCUPANT CONTACT (4) YES, and OCCUPANT CONTACT (8) NOT APPLICABLE (9) UNKNOWN						
SIDES	LEFT	RIGHT	FRONT		INSTRUMENT PANEL	
FRONT DOOR	0 13	0 14	FOOT CONTROLS	0 45	UPPER PANEL	0 55
FRONT HARDWARE	0 15	0 16	IGNITION KEYS	0 46	MID PANEL	0 56
FRONT ARMREST	0 17	0 18	REAR VIEW MIRROR	0 47	LOWER PANEL	0 57
FRONT GLASS	0 19	0 20	SUNVISOR/FITTINGS	0 48	ASHTRAY	0 58
REAR DOOR AREA	0 21	0 22	(5) LEFT SIDE ONLY (6) RIGHT SIDE ONLY (7) BOTH SIDES		CONTROL KNOBS & LEVERS	0 59
REAR HARDWARE	0 23	0 24	WINDSHIELD TOP MOLDINGS	0 49	GLOVE COMPARTMENT AREA	0 60
REAR ARMREST	0 25	0 26	LEFT A-PILLAR (UPPER OR LOWER)	0 50	INSTRUMENTS	0 61
REAR GLASS	0 27	0 28	RIGHT A-PILLAR (UPPER OR LOWER)	0 51	PARKING BRAKE RELEASE	0 62
ROOF SIDE RAIL	0 29	0 30	CENTER CONSOLE	0 52	PARKING BRAKE PEDAL	0 63
B-PILLAR	0 31	0 32	TRANSMISSION SELECTOR LEVER	0 53	A/C OR UPPER VENT OUTLETS	0 64
C-PILLAR	0 33	0 34	RIM, HORN, SPOKE	0 54	HEATER OR A/C DUCTS	0 65
D-PILLAR	0 35	0 36			RADIO	0 66
HEADLINING	0 37	0 38			OTHER: * _____	0 67
ROOF STRUCTURE	0 39	0 40				
T-ROOF/SUN ROOF	0 41	0 42				
OTHER: * _____	0 43	0 44				
					REAR WINDOW	0 68
					WINDOW HEADER	0 69
					CONSOLES	
					VERTICAL	0 70
					ROOF	0 71

* MORE THAN ONE ITEM MAY BE NOTED.

Duplicate columns 1-8 from the previous card.		Module <u>S</u> <u>I</u> Format <u>0</u> <u>2</u>		SEATS		ST-1	
		DRIVER	PASSENGR			DRIVER	PASSENGR
FRONT SEAT				FRONT SEAT-BACK			
TYPE OF FRONT SEAT				SEAT-BACK TYPE			
(00) NO SEAT		<u>05</u>	<u>05</u>	(1) FORWARD FOLDING		<u>3</u>	<u>3</u>
(01) STANDARD BENCH		<u>13</u>	<u>14</u>	(2) RIGID		<u>30</u>	<u>31</u>
(02) SPLIT BACK, 50-50				(3) RECLINING			
(03) SPLIT BACK, DRIVER WIDE				(7) OTHER: _____			
(04) SPLIT BACK, PASS. WIDE				(8) NOT APPLICABLE			
(05) BUCKET				(9) UNKNOWN			
(06) CAPTAIN'S CHAIR				SEAT-BACK LOCK TYPE			
(07) INDIV. BENCH, 50-50				(0) NONE		<u>1</u>	<u>1</u>
(08) INDIV. BENCH, DRIVER WIDE				(1) MANUAL		<u>32</u>	<u>33</u>
(09) INDIV. BENCH, PASS. WIDE				(2) INERTIA			
(97) OTHER: _____				(3) POWER			
(99) UNKNOWN				(7) OTHER: _____			
TYPE OF SEAT MOUNT				(8) NOT APPLICABLE			
(1) STANDARD		<u>1</u>	<u>1</u>	(9) UNKNOWN			
(2) PEDESTAL		<u>17</u>	<u>18</u>	LOCKS HELD			
(7) OTHER: _____				(0) NO		<u>1</u>	<u>1</u>
(8) NOT APPLICABLE				(1) YES		<u>34</u>	<u>35</u>
(9) UNKNOWN				(8) NOT APPLICABLE			
SWIVEL MECHANISM EQUIPPED				(9) UNKNOWN			
(0) NO		<u>0</u>	<u>0</u>	RECLINER MECHANISM HELD			
(1) YES		<u>19</u>	<u>20</u>	(0) NO		<u>1</u>	<u>1</u>
(8) NOT APPLICABLE				(1) YES		<u>36</u>	<u>37</u>
(9) UNKNOWN				(8) NOT APPLICABLE			
ORIGINAL EQUIPMENT SEATS				(9) UNKNOWN			
(0) NO		<u>1</u>	<u>1</u>	HEAD RESTRAINT			
(1) YES		<u>21</u>	<u>22</u>	HEAD RESTRAINT TYPE			
(8) NOT APPLICABLE				(0) NONE		<u>2</u>	<u>2</u>
(9) UNKNOWN				(1) ADJUSTABLE		<u>38</u>	<u>39</u>
CONTACT OF SEAT BY REAR OCCUPANT				(2) INTEGRAL			
(0) NO		<u>8</u>	<u>8</u>	(3) NOT INTEGRAL, BUT CANNOT BE REMOVED			
(1) YES		<u>23</u>	<u>24</u>	(7) OTHER: _____			
(8) NOT APPLICABLE				(8) NOT APPLICABLE			
(9) UNKNOWN				(9) UNKNOWN			
FRONT SEAT DAMAGE				REMOVED PRE-CRASH			
(0) NONE		<u>0</u>	<u>0</u>	(0) NO		<u>8</u>	<u>8</u>
(1) BACKREST ONLY DAMAGED		<u>25</u>	<u>26</u>	(1) YES		<u>40</u>	<u>41</u>
(2) CUSHION ONLY DAMAGED				(8) NOT APPLICABLE			
(3) BACKREST & CUSHION DAMAGED				(9) UNKNOWN			
(8) NOT APPLICABLE				ADJUSTMENT AT CRASH			
(9) UNKNOWN				(1) UP		<u>8</u>	<u>8</u>
CENTER ARMREST DAMAGED				(2) DOWN		<u>42</u>	<u>43</u>
(0) NO		<u>0</u>	<u>0</u>	(8) NOT APPLICABLE			
(1) YES		<u>27</u>	<u>27</u>	(9) UNKNOWN			
(7) EQUIPPED, DAMAGE UNKNOWN				HEAD RESTRAINT DAMAGE			
(8) NOT APPLICABLE				(0) NONE		<u>0</u>	<u>0</u>
(NO CENTER ARMREST)				(1) DAMAGED BUT NOT SEPARATED		<u>44</u>	<u>45</u>
(9) UNKNOWN IF EQUIPPED				(2) SEPARATED			
FRONT SEAT ROTATION				(8) NOT APPLICABLE			
(0) NONE APPARENT		<u>0</u>	<u>0</u>	(9) UNKNOWN			
(1) FORWARD APPARENT		<u>28</u>	<u>29</u>				
(2) REARWARD APPARENT							
(3) LEFT APPARENT							
(4) RIGHT APPARENT							
(5) MULTIPLE ROTATIONS SPECIFY _____							
(8) NOT APPLICABLE							
(9) UNKNOWN							

41

Duplicate columns 1-8
from the previous card.

Module A B Format 0 1
9 10 11 12

AIRBAG AB-1

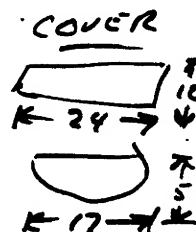
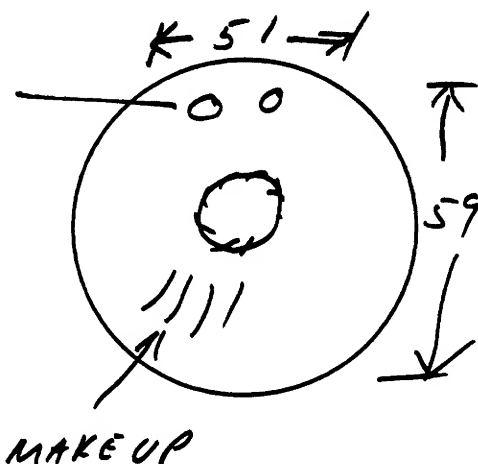
<p>DRIVER SIDE</p> <p>LOCATION OF AIRBAG</p> <p>STEERING WHEEL</p> <p>EQUIPPED</p> <p>(0) NO (1) YES (4) PRIOR DEPLOYMENT NOT REINSTALLED (9) UNKNOWN IF AIRBAG EQUIPPED</p> <p>DEPLOYED</p> <p>(0) NO (1) YES (2) PARTIAL/IMPROPER DEPLOYMENT (8) NOT APPLICABLE (NO AIRBAG) (9) UNKNOWN</p>	<p>/</p> <p>13</p> <p>/</p> <p>14</p>	<p>PASSENGER SIDE</p> <p>LOCATION OF AIRBAG</p> <p>INSTRUMENT PANEL (GLOVE BOX)</p> <p>EQUIPPED</p> <p>(0) NO (1) YES (4) PRIOR DEPLOYMENT NOT REINSTALLED (9) UNKNOWN IF AIRBAG EQUIPPED</p> <p>DEPLOYED</p> <p>(0) NO (1) YES (2) PARTIAL/IMPROPER DEPLOYMENT (8) NOT APPLICABLE (NO AIRBAG) (9) UNKNOWN</p>	<p>/</p> <p>16</p> <p>/</p> <p>17</p>
<p>CONDITION OF AIRBAG</p> <p>STEERING WHEEL</p> <p>(0) NO DAMAGE (2) SPLIT OR TORN (3) CUT DURING CRASH (4) BURNED/MELTED (5) CUT POST CRASH (6) OTHER _____ (7) DAMAGED, CONDITION UNKNOWN (8) NOT APPLICABLE (NOT EQUIPPED NOT DEPLOYED) (9) UNKNOWN IF EQUIPPED OR CONDITION</p>	<p>0</p> <p>15</p>	<p>CONDITION OF AIRBAG</p> <p>INSTRUMENT PANEL (GLOVE BOX)</p> <p>(0) NO DAMAGE (2) SPLIT OR TORN (3) CUT DURING CRASH (4) BURNED/MELTED (5) CUT POST CRASH (6) OTHER _____ (7) DAMAGED, CONDITION UNKNOWN (8) NOT APPLICABLE (NOT EQUIPPED NOT DEPLOYED) (9) UNKNOWN IF EQUIPPED OR CONDITION</p>	<p>0</p> <p>18</p>
<p>DRIVER SIDE</p> <p>AIRBAG</p> <p>STEERING WHEEL</p> <p>TETHER</p> <p>(0) NO (1) YES (6) OTHER _____ (7) UNKNOWN IF TETHERED (8) NOT APPLICABLE (NO AIRBAG) (9) UNKNOWN IF AIRBAG EQUIPPED</p> <p>MARKED BY CONTACT</p> <p>(0) NO (1) YES (8) NOT APPLICABLE (NO AIRBAG) (9) UNKNOWN</p> <p>MAKEUP</p>	<p>/</p> <p>19</p> <p>/</p> <p>20</p>	<p>PASSENGER SIDE</p> <p>AIRBAG</p> <p>INSTRUMENT PANEL (GLOVE BOX)</p> <p>TETHER</p> <p>(0) NO (1) YES (6) OTHER _____ (7) UNKNOWN IF TETHERED (8) NOT APPLICABLE (NO AIRBAG) (9) UNKNOWN IF AIRBAG EQUIPPED</p> <p>MARKED BY CONTACT</p> <p>(0) NO (1) YES (8) NOT APPLICABLE (NO AIRBAG) (9) UNKNOWN</p> <p>MAKEUP</p>	<p>0</p> <p>21</p> <p>/</p> <p>22</p>

AIRBAG AB-2

AIRBAG NUMBER ON DRIVER SIDE:

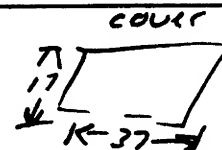
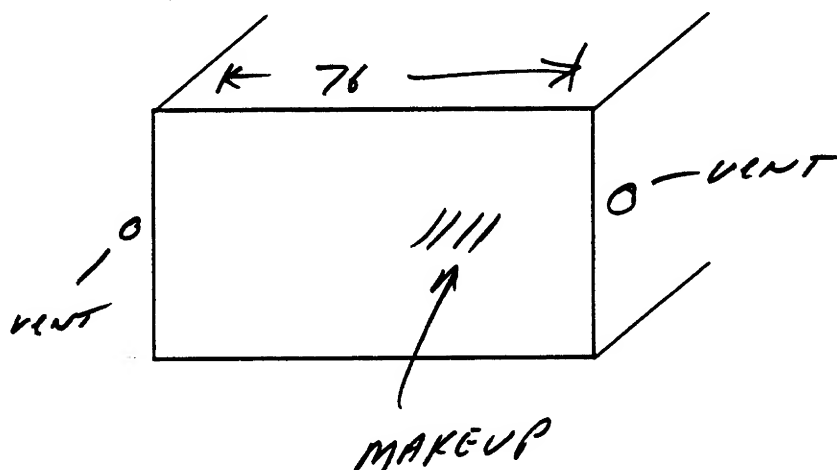


NOTE AND DESCRIBE ANY AIRBAG CONTACT OR DAMAGE ON DIAGRAM BELOW:

TWO
VENTS

AIRBAG NUMBER ON PASSENGER SIDE: NONE FOUND

NOTE AND DESCRIBE ANY AIRBAG CONTACT OR DAMAGE ON DIAGRAM BELOW:



NOTE TO THE INVESTIGATOR:

THE FOLLOWING TWO SECTIONS,
OCCUPANT INFORMATION AND INJURY CLASSIFICATION,
ARE TO BE FILLED IN
FOR EACH CASE VEHICLE OCCUPANT,
WHETHER INJURED OR NOT.

IF THERE IS MORE THAN ONE OCCUPANT,
USE ADDITIONAL COPIES
OF PAGES OC-1, OC-2, OC-3,
AND IC-2 TO DESCRIBE THEM
AND ATTACH THE COPIES TO THIS REPORT.

Duplicate columns 1-8
from the previous card.

Module 0 C Format 0 2
9 10 11 12

OCCUPANT INFORMATION OC-1

OCCUPANT IDENTIFICATION

OCCUPANT NUMBER

01
13 14

ROLE OF OCCUPANT AT 1ST IMPACT

- (1) MOTOR VEHICLE DRIVER
(2) MOTOR VEHICLE PASSENGER
(NOT DRIVER)
(9) UNKNOWN

1
15

PHYSICAL DESCRIPTION

AGE IN YEARS

- (00) LESS THAN 1 YEAR
(98) 98 YEARS OR OLDER
(99) UNKNOWN

19
20 21

AGE IN MONTHS

- (00) LESS THAN 1 MONTH
(25) 25 MONTHS OR OLDER
(99) UNKNOWN

25
22 23

MASS (kg)

- (999) UNKNOWN

115

052
24 25 26

HEIGHT (cm)

- (999) UNKNOWN

5'6

168
27 28 29

SEX

- (1) MALE
(2) FEMALE
(9) UNKNOWN

2
30

OCCUPANT POSITION

ROW LOCATION

- (1) FRONT
(2) SECOND
(3) THIRD
(4) FOURTH
(7) OTHER: _____
(8) EXTERNAL TO PASSENGER
COMPARTMENT (E.G. BED OF PICKUP)
(9) UNKNOWN

1
16

LATERAL LOCATION

- (1) LEFT
(2) LEFT CENTER
(3) CENTER
(4) RIGHT CENTER
(5) RIGHT
(6) ALL (LYING ON SEAT)
(8) EXTERNAL TO PASSENGER
COMPARTMENT
(9) UNKNOWN

1
17

POSTURE

- (10) SITTING ON SEAT
(11) SITTING ON SEAT IN ABNORMAL
POSITION (E.G. FEET ON DASH,
SIDEWAYS)
(12) SITTING ON CONSOLE
(20) ON LAP OR IN ARMS
(30) STANDING ON SEAT
(40) STANDING ON FLOOR
(47) STANDING, EXTERNAL TO
PASSENGER COMPARTMENT
(50) IN BASSINET
(60) IN CHILD SEAT
(65) IN CHILD HARNESS
(70) LYING ON SEAT
(80) LYING/SITTING ON PASSENGER
FLOOR
(83) LYING/SITTING ON OTHER
OBJECT IN PASSENGER
COMPARTMENT: _____
(85) ON CARGO FLOOR/FOLDED
SEAT-BACK
(87) LYING/SITTING, EXTERNAL TO
PASSENGER COMPARTMENT
(97) OTHER: _____
(99) UNKNOWN

10
18 19

MEDICAL CONDITIONS

TREATMENT/MORTALITY

- (00) NONE
(01) FIRST AID AT SCENE
(02) TREATED AT HOSPITAL/CLINIC
BUT NOT ADMITTED
(03) HOSPITALIZED FOR OBSERVATION
LESS THAN 24 HOURS
(04) HOSPITALIZED OVER 24 HOURS
OR FOR SIGNIFICANT TREATMENT
(05) FATAL, DEAD AT SCENE
(06) FATAL, DOA
(07) FATAL, DEAD WITHIN 24 HOURS
(08) FATAL, DEAD 24 HOURS TO
31 DAYS LATER
(09) FATAL, DEAD 31 DAYS TO
1 YEAR LATER
(10) FATAL DEAD WITHIN UNKNOWN
PERIOD
(99) UNKNOWN

02
31 32

INJURY SEVERITY SCORE (ISS)

- (99) UNKNOWN

05
33 34

NON-IMPACT MED. CONDITIONS

- (0) NONE
(1) YES, TIME & TYPE UNKNOWN
(2) PRE-CRASH FATAL (CLINICAL
DEATH AT WHEEL)
(3) PRE-CRASH NON-FATAL (E.G.
PRIOR INJURY, STROKE)
(4) PREGNANT
(5) POST-CRASH FATAL (DROWNING)
(6) POST-CRASH NON-FATAL INJURY
(7) OTHER: _____
(8) COMBINATION OF ABOVE
(CIRCLE EACH)
(9) UNKNOWN

0
35

OCCUPANT INFORMATION OC-2

MEDICAL CONDITIONS (CONT.) POLICE INJURY SEVERITY CODE FOR THIS OCCUPANT (0) O - NO INJURY (1) C - POSSIBLE INJURY (2) B - NON-INCAPACITATING (3) A - INCAPACITATING INJURY (4) K - FATAL (5) INJURED, SEVERITY UNKNOWN (6) DIED PRIOR TO IMPACT (7) NON-FATAL INJURY, SEVERITY UNKNOWN (9) UNKNOWN		/ 36	CHILD SEAT TYPE (00) NONE USED (01) YES, USED (02) INTEGRAL, Chrysler Mini-van (88) NOT APPLICABLE (ADULT OR OLDER CHILD) (99) UNKNOWN CHILD SEAT MAKE/MODEL _____ _____ _____	88 41 42
RESTRAINT SYSTEM ACTIVE RESTRAINT SYSTEM (0) NONE (1) LAP BELT (2) SHOULDER HARNESS ONLY (3) BOTH LAP BELT & SHOULDER HARNESS (9) UNKNOWN ACTIVE RESTRAINT SYSTEM USAGE (0) NONE (AVAILABLE BUT NOT USED) (1) LAP BELT ONLY (2) SHOULDER HARNESS ONLY (3) BOTH LAP BELT & SHOULDER HARNESS (7) IMPROPER USAGE (8) NOT APPLICABLE (NONE AVAILABLE) (9) UNKNOWN PASSIVE RESTRAINT SYSTEM (0) NONE (1) AIRBAG INSTALLED (2) PASSIVE UPPER TORSO WITH KNEE BOLSTERS (3) PASSIVE UPPER TORSO WITHOUT KNEE BOLSTERS (4) PASSIVE LAP & UPPER TORSO (5) AIRBAG INSTALLED & PASSIVE RESTRAINT (7) OTHER: _____ (9) UNKNOWN PASSIVE RESTRAINT SYSTEM USAGE (0) SYSTEM DEFEATED (1) AIRBAG NOT DEPLOYED (2) AIRBAG DEPLOYED (3) AIRBAG NOT REINSTALLED (4) PASSIVE UPPER TORSO USED (5) PASSIVE LAP & UPPER TORSO USED (6) SYSTEM USED IN MANUAL MODE (7) IMPROPER USAGE (8) NOT APPLICABLE (NOT ORIGINALLY EQUIPPED) (9) UNKNOWN		3 37 0 38 / 39 2 40	EJECTION DEGREE OF EJECTION (0) NONE (1) PARTIAL (2) COMPLETE (7) EJECTED, DEGREE UNKNOWN (9) UNKNOWN IF EJECTED AREA OF EJECTION (01) WINDOW, LEFT SIDE (02) WINDOW, RIGHT SIDE (03) WINDOW, REAR (04) DOOR, LEFT SIDE (05) DOOR, RIGHT SIDE (06) DOOR, REAR OR TAILGATE (07) WINDSHIELD (08) ROOF OR OPEN CONVERTIBLE OR FROM EXTERNAL AREA (96) EJECTED AREA UNKNOWN (97) OTHER AREA: _____ (98) NOT APPLICABLE (NOT EJECTED) (99) UNKNOWN IF EJECTED	0 43 98 44 45
			IF OCCUPANT WAS EJECTED, DESCRIBE IN DETAIL BELOW: _____ _____ _____ _____	
			HEAD RESTRAINT HEAD RESTRAINT AVAILABLE FOR THIS POSITION (0) NOT EQUIPPED OR REMOVED (1) EQUIPPED (9) UNKNOWN	/ 46

OCCUPANT INFORMATION OC-3

OCCUPANT EYEWEAR

- (0) NONE
- (1) GLASSES
- (2) CONTACTS
- (3) BOTH GLASSES AND CONTACTS
- (4) OTHER _____
- (8) NOT APPLICABLE
- (9) UNKNOWN

0
47

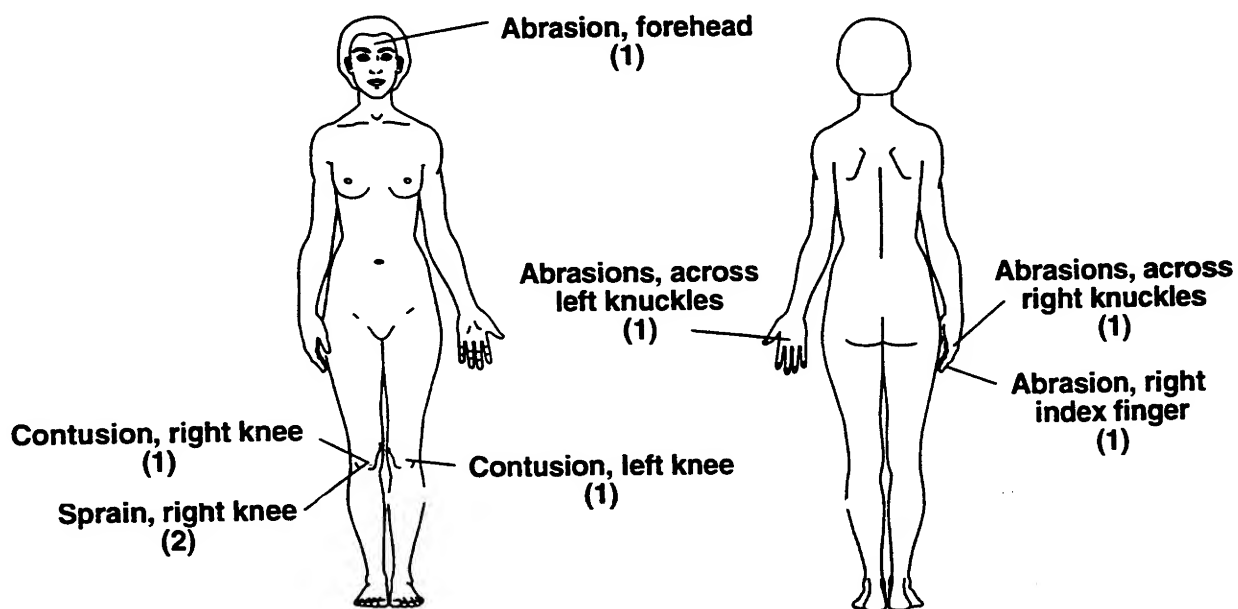
SOURCE OF INFORMATION

- (0) INTERVIEW
- (1) HOSPITAL
- (2) AUTOPSY
- (3) POLICE
- (4) OTHER _____
- (5) LAY CORONER/EXTERNAL EXAM
- (7) COMBINATION OF ABOVE (CIRCLE)
- (8) NOT APPLICABLE
- (9) UNKNOWN

0
48

OCCUPANT INFORMATION OC-4

INDICATE LOCATION OF INJURIES.



Module 1 C Format 0 1
9 10 11 12

INJURY CLASSIFICATION IC-1

NOTE: Each line in the table below is a separate record (card). Duplicate columns 1 - 12 for each completed line.

OCCUPANT INJURY CLASSIFICATION

[illegible]

NOTE: USE ADDITIONAL PAGES IF NECESSARY.

INJURY CLASSIFICATION IC-2

CODES FOR AREAS OF POSSIBLE OCCUPANT CONTACT

FRONT OF PASSENGER COMPARTMENT

- (10) SUNVISOR, FITTING(S) &/OR TOP MOLDING
- (12) WINDSHIELD
- (05) INSTRUMENT PANEL (SPECIFIC AREA UNKNOWN)
- (54) UPPER INSTRUMENT PANEL (X)
- (55) MIDDLE INSTRUMENT PANEL (Y)
- (56) LOWER INSTRUMENT PANEL (Z)
- (81) ASH TRAY (INSTRUMENT PANEL)
- (02) GLOVE COMPARTMENT AREA
- (47) AIRBAG (ACRS) COMPARTMENT DOOR/COVER
- (57) BENEATH INSTRUMENT PANEL
- (53) PARCEL TRAY
- (48) KNEE RESTRAINT
- (86) VERTICAL CONSOLE
- (28) FOOT CONTROLS (INCL. PARKING BRAKE PEDAL)
- (09) STEERING ASSEMBLY (SPECIFIC AREA UNKNOWN)
- (65) STEERING WHEEL
- (66) STEERING WHEEL COLUMN
- (59) TRANSMISSION LEVER ON COLUMN
- (03) HARDWARE ITEM (SPECIFIC AREA UNKNOWN)
- (82) INSTRUMENT(S)
- (83) CONTROL KNOB(S) & LEVER(S) (FRONT)
- (84) PARKING BRAKE HANDLE IN FRONT
- (67) IGNITION KEY
- (06) MIRROR
- (04) HEATER OR AIR CONDITIONING DUCTS
- (01) AIR CONDITIONING OR VENTILATION OUTLET(S)
- (08) RADIO (BUILT IN)
- (58) ADD-ON TAPE DECK, RADIO, A/C
- (68) ROOF MOUNTED CONTROLS/CONSOLES

REAR

- (88) SURFACE OF REAR INTERIOR
- (23) REAR WINDOW
- (39) REAR WINDOW HEADER
- (50) REAR SEAT CUSHION & BACK

INTERIOR-GENERAL

- (11) TRANSMISSION SELECTION LEVER (LOCATION UNK.)
- (59) TRANSMISSION LEVER ON STEERING COLUMN
- (44) TRANSMISSION LEVER ON FLOOR OR CONSOLE
- (07) PARKING BRAKE HANDLE (LOCATION UNKNOWN)
- (84) PARKING BRAKE HANDLE IN FRONT
- (85) PARKING BRAKE HANDLE ON FLOOR OR CONSOLE
- (28) FOOT CONTROLS (INCL. PARKING BRAKE PEDAL)
- (29) FRONT SEAT-BACK(S)
- (51) FRONT SEAT CUSHION
- (50) REAR SEAT CUSHION & BACK
- (49) ARMREST ON SEAT
- (89) UNDER SEAT BOTTOM
- (33) RESTRAINT SYSTEM HARDWARE
- (34) RESTRAINT SYSTEM WEBBING
- (87) AIR CUSHION SKIN (AIRBAG)
- (47) AIRBAG (ACRS) COMPARTMENT DOOR/COVER
- (46) AIRBAG GAS
- (48) KNEE RESTRAINT
- (30) HEAD RESTRAINT
- (42) CHILD SEAT RESTRAINTS
- (43) CHILD SEAT
- (31) INTERIOR LOOSE OBJECT
- (32) OTHER OCCUPANT(S)
- (52) INTERNAL FLYING GLASS (FROM ANY SOURCE)
- (41) UNKNOWN INTERIOR SURFACE

SIDES

- (20) SURFACE OF SIDE INTERIOR
- (19) HARDWARE ON SIDE OR DOOR
- (13) ARMREST ON SIDE OR DOOR
- (24) COAT HOOK
- (22) WINDOW GLASS (SIDE)
- (21) WINDOW FRAMES (SIDE)
- (26) ROOF SIDE RAIL
- (14) A-PILLAR
- (15) B-PILLAR
- (16) C-PILLAR
- (17) D-PILLAR

FLOOR

- (40) FLOOR
- (27) CONSOLE ON FLOOR OR BETWEEN SEATS
- (44) TRANSMISSION LEVER ON FLOOR OR CONSOLE
- (85) PARKING BRAKE HANDLE ON FLOOR OR CONSOLE
- (28) FOOT CONTROLS (INCL. PARKING BRAKE PEDAL)
- (91) KICKPANEL

ROOF

- (25) ROOF OR CONVERTIBLE TOP
- (10) SUNVISOR, FITTING(S) &/OR TOP MOLDING
- (26) ROOF SIDE RAIL
- (24) COAT HOOK
- (18) DOME LIGHT
- (39) BACKLIGHT HEADER
- (68) ROOF MOUNTED CONTROLS/CONSOLE
- (69) ROLL BAR

EXTERIOR SURFACE OF CASE VEHICLE

- (37) OUTSIDE SURFACE OF CASE VEHICLE (SPECIFIC AREA UNKNOWN)
- (35) HOOD OF CASE VEHICLE
- (60) EXTERIOR OF CASE VEHICLE (E.G. OUTSIDE MIRRORS, ANTENNA, TRIM)
- (62) EXTERIOR SIDE ROOF RAIL OF CASE VEHICLE
- (63) TRUNK LID OF CASE VEHICLE
- (64) TIRES OF CASE VEHICLE

BEYOND CASE VEHICLE BOUNDARY

- (36) AREA EXTERIOR TO CAR (SPECIFIC AREA UNK.)
- (70) HOOD OF OTHER VEHICLE
- (71) OTHER VEHICLE EXTERIOR HARDWARE (E.G. OUTSIDE MIRRORS, ANTENNA, TRIM)
- (73) EXTERIOR SIDE ROOF RAIL OF OTHER VEHICLE
- (74) HEADLIGHT OR FRONT GRILL OF OTHER VEH.
- (75) TRUNK OF OTHER VEHICLE
- (76) OUTSIDE SURFACE OF OTHER VEHICLE
- (77) TIRES OF OTHER VEHICLE
- (78) GROUND
- (79) WATER
- (80) EXTERIOR OBJECT (NOT VEHICLE, GROUND, OR WATER. PLEASE DESCRIBE.)

PENETRATING OBJECTS

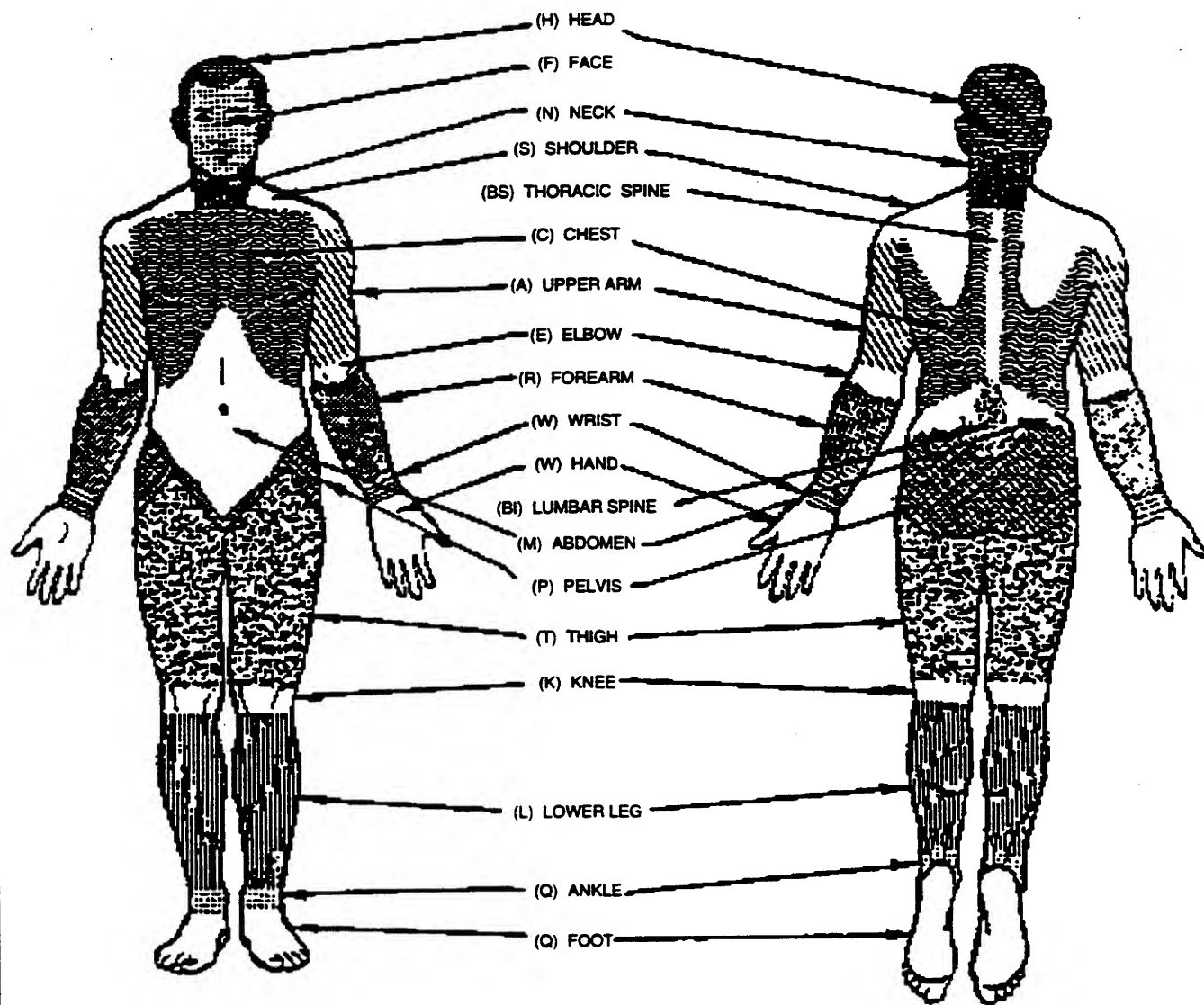
- (61) OTHER VEHICLE
- (72) OBJECTS (DESCRIBE)

MISCELLANEOUS

- (00) NO CONTACT (INVALID FIELD FORM CODE)
- (38) OTHER (E.G. FIRE. DESCRIBE)
- (90) SPARE TIRE
- (96) INDUCED
- (97) EJECTED, UNKNOWN CONTACT
- (98) IMPACT FORCE, "WHIPLASH", HYPEREXTENSION/COMPRESSION
- (99) UNKNOWN AREA OF CONTACT

INJURY CLASSIFICATION IC-3

THE FIGURE BELOW
IS AN EXPLANATION OF THE BODY REGION CODES
LISTED ON PAGE IC - 4.



INJURY CLASSIFICATION IC-4

CODES FOR OCCUPANT INJURY CLASSIFICATION (OIC)

1 BODY REGION

(H) HEAD/SKULL
 (F) FACE
 (N) NECK
 (S) SHOULDER
 (X) UPPER EXTREMITIES
 (A) ARM (*UPPER*)
 (E) ELBOW
 (R) FOREARM
 (W) WRIST/HAND
 (C) CHEST
 (M) ABDOMEN
 (B) BACK
 (P) PELVIC/HIP
 (Y) LOWER EXTREMITIES
 (T) THIGH
 (K) KNEE
 (L) LEG (*LOWER*)
 (Q) ANKLE/FOOT
 (O) WHOLE BODY
 (U) UNKNOWN

3 LESION

(L) LACERATION
 (C) CONTUSION
 (A) ABRASION
 (F) FRACTURE
 (P) PERFORATION,
 PUNCTURE
 (K) CONCUSSION
 (V) AVULSION
 (R) RUPTURE
 (S) SPRAIN
 (D) DISLOCATION
 (N) CRUSH
 (M) AMPUTATION
 (B) BURN
 (G) DETACHMENT,
 SEPARATION
 (Z) FRACTURE AND
 DISLOCATION
 (T) STRAIN
 (E) TOTAL SEVERANCE,
 TRANSECTION
 (O) OTHER
 (U) UNKNOWN

4 SYSTEM/ORGAN

(S) SKELETAL
 (V) VERTEBRAE
 (J) JOINTS
 (D) DIGESTIVE
 (L) LIVER
 (N) NERVOUS SYSTEM
 (B) BRAIN
 (C) SPINAL CORD
 (E) EARS
 (O) EYES
 (A) ARTERIES
 (H) HEART
 (Q) SPLEEN
 (G) UROGENITAL
 (K) KIDNEYS
 (R) RESPIRATORY
 (P) PULMONARY/LUNGS
 (M) MUSCLES
 (T) THYROID, OTHER
 ENDOCRINE GLAND
 (I) INTEGUMENTARY (*SKIN*)
 (W) ALL SYSTEMS IN REGION
 (U) UNKNOWN

2 ASPECT

(R) RIGHT
 (L) LEFT
 (B) BILATERAL
 (C) CENTRAL
 (A) ANTERIOR/FRONT
 (P) POSTERIOR/BACK
 (S) SUPERIOR/UPPER
 (I) INFERIOR/LOWER
 (W) WHOLE REGION
 (U) UNKNOWN

BODY REGION	ASPECT	LESION	SYSTEM/ORGAN	SEVERITY
1	2	3	4	5

5 SEVERITY
(OR "AIS", ABBREVIATED INJURY SCALE)

(0) NONE
 (1) MINOR
 (2) MODERATE
 (3) SERIOUS
 (4) SEVERE
 (5) CRITICAL
 (6) MAXIMUM
 (9) UNKNOWN

Duplicate columns 1-8
from the previous card.

Module 0 C Format 0 2
9 10 11 12

OCCUPANT INFORMATION OC-1

OCCUPANT IDENTIFICATION

OCCUPANT NUMBER

02
13 14

ROLE OF OCCUPANT AT 1ST IMPACT

- (1) MOTOR VEHICLE DRIVER
(2) MOTOR VEHICLE PASSENGER
(NOT DRIVER)
(9) UNKNOWN

2
15

PHYSICAL DESCRIPTION

AGE IN YEARS

- (00) LESS THAN 1 YEAR
(98) 98 YEARS OR OLDER
(99) UNKNOWN

21
20 21

AGE IN MONTHS

- (00) LESS THAN 1 MONTH
(25) 25 MONTHS OR OLDER
(99) UNKNOWN

25
22 23

MASS (kg)

100

(999) UNKNOWN

0.45
24 25 26

HEIGHT (cm)

5'4

(999) UNKNOWN

1.63
27 28 29

SEX

- (1) MALE
(2) FEMALE
(9) UNKNOWN

2
30

OCCUPANT POSITION

ROW LOCATION

- (1) FRONT
(2) SECOND
(3) THIRD
(4) FOURTH
(7) OTHER: _____
(8) EXTERNAL TO PASSENGER
COMPARTMENT (E.G. BED OF PICKUP)
(9) UNKNOWN

1
16

LATERAL LOCATION

- (1) LEFT
(2) LEFT CENTER
(3) CENTER
(4) RIGHT CENTER
(5) RIGHT
(6) ALL (LYING ON SEAT)
(8) EXTERNAL TO PASSENGER
COMPARTMENT
(9) UNKNOWN

5
17

POSTURE

- (10) SITTING ON SEAT
(11) SITTING ON SEAT IN ABNORMAL
POSITION (E.G. FEET ON DASH,
SIDEWAYS)
(12) SITTING ON CONSOLE
(20) ON LAP OR IN ARMS
(30) STANDING ON SEAT
(40) STANDING ON FLOOR
(47) STANDING, EXTERNAL TO
PASSENGER COMPARTMENT
(50) IN BASSINET
(60) IN CHILD SEAT
(65) IN CHILD HARNESS
(70) LYING ON SEAT
(80) LYING/SITTING ON PASSENGER
FLOOR
(83) LYING/SITTING ON OTHER
OBJECT IN PASSENGER
COMPARTMENT: _____
(85) ON CARGO FLOOR/FOLDED
SEAT-BACK
(87) LYING/SITTING, EXTERNAL TO
PASSENGER COMPARTMENT
(97) OTHER: _____
(99) UNKNOWN

10
18 19

MEDICAL CONDITIONS

TREATMENT/MORTALITY

- (00) NONE
(01) FIRST AID AT SCENE
(02) TREATED AT HOSPITAL/CLINIC
BUT NOT ADMITTED
(03) HOSPITALIZED FOR OBSERVATION
LESS THAN 24 HOURS
(04) HOSPITALIZED OVER 24 HOURS
OR FOR SIGNIFICANT TREATMENT
(05) FATAL, DEAD AT SCENE
(06) FATAL, DOA
(07) FATAL, DEAD WITHIN 24 HOURS
(08) FATAL, DEAD 24 HOURS TO
31 DAYS LATER
(09) FATAL, DEAD 31 DAYS TO
1 YEAR LATER
(10) FATAL DEAD WITHIN UNKNOWN
PERIOD
(99) UNKNOWN

02
31 32

INJURY SEVERITY SCORE (ISS)

(99) UNKNOWN

05
33 34

NON-IMPACT MED. CONDITIONS

- (0) NONE
(1) YES, TIME & TYPE UNKNOWN
(2) PRE-CRASH FATAL (CLINICAL
DEATH AT WHEEL)
(3) PRE-CRASH NON-FATAL (E.G.
PRIOR INJURY, STROKE)
(4) PREGNANT
(5) POST-CRASH FATAL (DROWNING)
(6) POST-CRASH NON-FATAL INJURY
(7) OTHER: _____
(8) COMBINATION OF ABOVE
(CIRCLE EACH)
(9) UNKNOWN

0
35

OCCUPANT INFORMATION OC-2

MEDICAL CONDITIONS (CONT.)

POLICE INJURY SEVERITY
CODE FOR THIS OCCUPANT

- (0) O - NO INJURY
 (1) C - POSSIBLE INJURY
 (2) B - NON-INCAPACITATING
 (3) A - INCAPACITATING INJURY
 (4) K - FATAL
 (5) INJURED, SEVERITY UNKNOWN
 (6) DIED PRIOR TO IMPACT
 (7) NON-FATAL INJURY,
 SEVERITY UNKNOWN
 (9) UNKNOWN

36

CHILD SEAT TYPE

- (00) NONE USED
 (01) YES, USED
 (02) INTEGRAL, Chrysler Mini-van
 (88) NOT APPLICABLE
 (ADULT OR OLDER CHILD)
 (99) UNKNOWN

88
 41 42

CHILD SEAT MAKE/MODEL

RESTRAINT SYSTEM

ACTIVE RESTRAINT SYSTEM

- (0) NONE
 (1) LAP BELT
 (2) SHOULDER HARNESS ONLY
 (3) BOTH LAP BELT &
 SHOULDER HARNESS
 (9) UNKNOWN

3
 37

ACTIVE RESTRAINT SYSTEM USAGE

- (0) NONE (AVAILABLE BUT NOT USED)
 (1) LAP BELT ONLY
 (2) SHOULDER HARNESS ONLY
 (3) BOTH LAP BELT &
 SHOULDER HARNESS
 (7) IMPROPER USAGE
 (8) NOT APPLICABLE (NONE AVAILABLE)
 (9) UNKNOWN

0
 38

PASSIVE RESTRAINT SYSTEM

- (0) NONE
 (1) AIRBAG INSTALLED
 (2) PASSIVE UPPER TORSO
 WITH KNEE BOLSTERS
 (3) PASSIVE UPPER TORSO
 WITHOUT KNEE BOLSTERS
 (4) PASSIVE LAP & UPPER TORSO
 (5) AIRBAG INSTALLED &
 PASSIVE RESTRAINT
 (7) OTHER: _____
 (9) UNKNOWN

1
 39

PASSIVE RESTRAINT SYSTEM USAGE

- (0) SYSTEM DEFEATED
 (1) AIRBAG NOT DEPLOYED
 (2) AIRBAG DEPLOYED
 (3) AIRBAG NOT REINSTALLED
 (4) PASSIVE UPPER TORSO USED
 (5) PASSIVE LAP & UPPER TORSO USED
 (6) SYSTEM USED IN MANUAL MODE
 (7) IMPROPER USAGE
 (8) NOT APPLICABLE (NOT ORIGINALLY
 EQUIPPED)
 (9) UNKNOWN

2
 40

EJECTION

DEGREE OF EJECTION

- (0) NONE
 (1) PARTIAL
 (2) COMPLETE
 (7) EJECTED, DEGREE UNKNOWN
 (9) UNKNOWN IF EJECTED

0
 43

AREA OF EJECTION

- (01) WINDOW, LEFT SIDE
 (02) WINDOW, RIGHT SIDE
 (03) WINDOW, REAR
 (04) DOOR, LEFT SIDE
 (05) DOOR, RIGHT SIDE
 (06) DOOR, REAR OR TAILGATE
 (07) WINDSHIELD
 (08) ROOF OR OPEN CONVERTIBLE OR
 FROM EXTERNAL AREA
 (96) EJECTED AREA UNKNOWN
 (97) OTHER AREA: _____
 (98) NOT APPLICABLE (NOT EJECTED)
 (99) UNKNOWN IF EJECTED

98
 44 45

IF OCCUPANT WAS EJECTED, DESCRIBE
IN DETAIL BELOW:

HEAD RESTRAINT

HEAD RESTRAINT AVAILABLE
FOR THIS POSITION

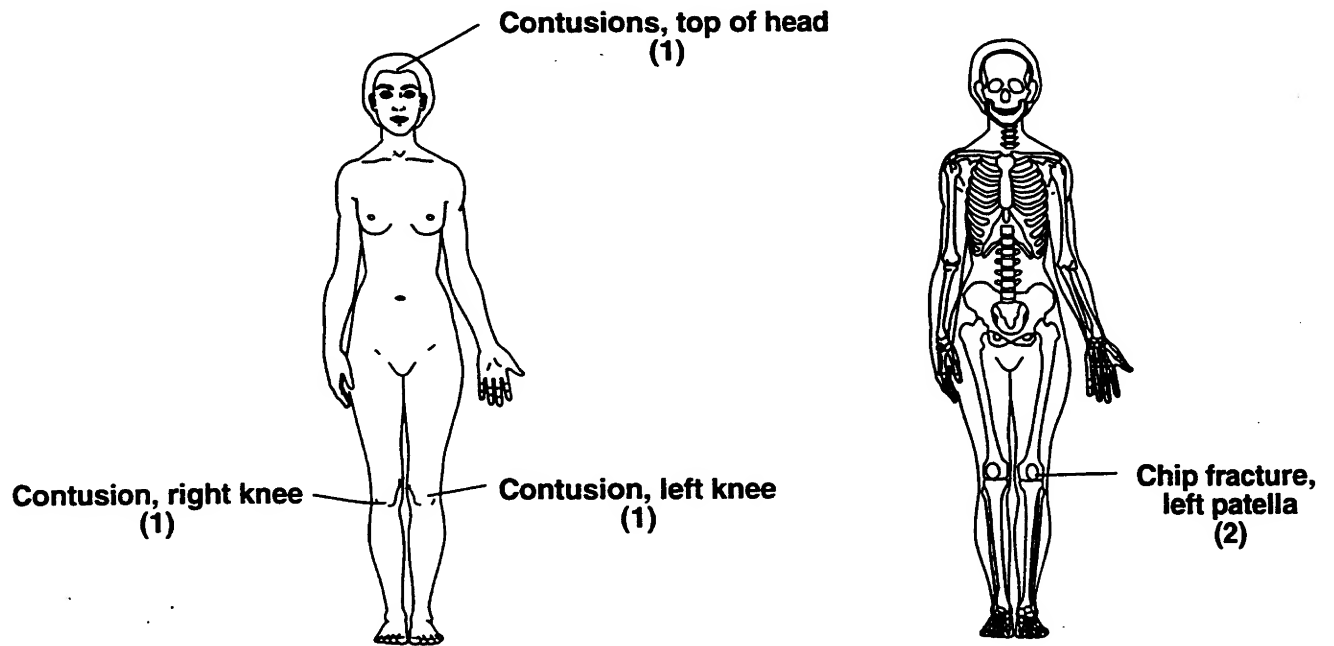
- (0) NOT EQUIPPED OR REMOVED
 (1) EQUIPPED
 (9) UNKNOWN

1
 46

OCCUPANT INFORMATION OC-3

<p>OCCUPANT EYEWEAR</p> <p>(0) NONE (1) GLASSES (2) CONTACTS (3) BOTH GLASSES AND CONTACTS (4) OTHER _____ (8) NOT APPLICABLE (9) UNKNOWN</p>	<p style="text-align: center;">0 47</p>	<p>SOURCE OF INFORMATION</p> <p>(0) INTERVIEW (1) HOSPITAL (2) AUTOPSY (3) POLICE (4) OTHER _____ (5) LAY CORONER/EXTERNAL EXAM (7) COMBINATION OF ABOVE (CIRCLE) (8) NOT APPLICABLE (9) UNKNOWN</p>	<p style="text-align: center;">0 48</p>
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INDICATE LOCATION OF INJURIES.



NOTE: Each line in the table below is a separate record (card). Duplicate columns 1 - 12 for each completed line.

OCCUPANT INJURY CLASSIFICATION

[illegible]

NOTE: USE ADDITIONAL PAGES IF NECESSARY.

CODES FOR AREAS OF POSSIBLE OCCUPANT CONTACT

FRONT OF PASSENGER COMPARTMENT

- (10) SUNVISOR, FITTING(S) &/OR TOP MOLDING
- (12) WINDSHIELD
- (05) INSTRUMENT PANEL (*SPECIFIC AREA UNKNOWN*)
- (54) UPPER INSTRUMENT PANEL (X)
- (55) MIDDLE INSTRUMENT PANEL (Y)
- (56) LOWER INSTRUMENT PANEL (Z)
- (81) ASH TRAY (*INSTRUMENT PANEL*)
- (02) GLOVE COMPARTMENT AREA
- (47) AIRBAG (ACRS) COMPARTMENT DOOR/COVER
- (57) BENEATH INSTRUMENT PANEL
- (53) PARCEL TRAY
- (48) KNEE RESTRAINT
- (86) VERTICAL CONSOLE
- (28) FOOT CONTROLS (*INCL. PARKING BRAKE PEDAL*)
- (09) STEERING ASSEMBLY (*SPECIFIC AREA UNKNOWN*)
- (65) STEERING WHEEL
- (66) STEERING WHEEL COLUMN
- (59) TRANSMISSION LEVER ON COLUMN
- (03) HARDWARE ITEM (*SPECIFIC AREA UNKNOWN*)
- (82) INSTRUMENT(S)
- (83) CONTROL KNOB(S) & LEVER(S) (*FRONT*)
- (84) PARKING BRAKE HANDLE IN FRONT
- (67) IGNITION KEY
- (06) MIRROR
- (04) HEATER OR AIR CONDITIONING DUCTS
- (01) AIR CONDITIONING OR VENTILATION OUTLET(S)
- (08) RADIO (*BUILT IN*)
- (58) ADD-ON TAPE DECK, RADIO, A/C
- (68) ROOF MOUNTED CONTROLS/CONSOLES

REAR

- (88) SURFACE OF REAR INTERIOR
- (23) REAR WINDOW
- (39) REAR WINDOW HEADER
- (50) REAR SEAT CUSHION & BACK

INTERIOR-GENERAL

- (11) TRANSMISSION SELECTION LEVER (*LOCATION UNK.*)
- (59) TRANSMISSION LEVER ON STEERING COLUMN
- (44) TRANSMISSION LEVER ON FLOOR OR CONSOLE
- (07) PARKING BRAKE HANDLE (*LOCATION UNKNOWN*)
- (84) PARKING BRAKE HANDLE IN FRONT
- (85) PARKING BRAKE HANDLE ON FLOOR OR CONSOLE
- (28) FOOT CONTROLS (*INCL. PARKING BRAKE PEDAL*)
- (29) FRONT SEAT-BACK(S)
- (51) FRONT SEAT CUSHION
- (50) REAR SEAT CUSHION & BACK
- (49) ARMREST ON SEAT
- (89) UNDER SEAT BOTTOM
- (33) RESTRAINT SYSTEM HARDWARE
- (34) RESTRAINT SYSTEM WEBBING
- (87) AIR CUSHION SKIN (AIRBAG)
- (47) AIRBAG (ACRS) COMPARTMENT DOOR/COVER
- (46) AIRBAG GAS
- (48) KNEE RESTRAINT
- (30) HEAD RESTRAINT
- (42) CHILD SEAT RESTRAINTS
- (43) CHILD SEAT
- (31) INTERIOR LOOSE OBJECT
- (32) OTHER OCCUPANT(S)
- (52) INTERNAL FLYING GLASS (*FROM ANY SOURCE*)
- (41) UNKNOWN INTERIOR SURFACE

SIDES

- (20) SURFACE OF SIDE INTERIOR
- (19) HARDWARE ON SIDE OR DOOR
- (13) ARMREST ON SIDE OR DOOR
- (24) COAT HOOK
- (22) WINDOW GLASS (*SIDE*)
- (21) WINDOW FRAMES (*SIDE*)
- (26) ROOF SIDE RAIL
- (14) A-PILLAR
- (15) B-PILLAR
- (16) C-PILLAR
- (17) D-PILLAR

FLOOR

- (40) FLOOR
- (27) CONSOLE ON FLOOR OR BETWEEN SEATS
- (44) TRANSMISSION LEVER ON FLOOR OR CONSOLE
- (85) PARKING BRAKE HANDLE ON FLOOR OR CONSOLE
- (28) FOOT CONTROLS (*INCL. PARKING BRAKE PEDAL*)
- (91) KICKPANEL

ROOF

- (25) ROOF OR CONVERTIBLE TOP
- (10) SUNVISOR, FITTING(S) &/OR TOP MOLDING
- (26) ROOF SIDE RAIL
- (24) COAT HOOK
- (18) DOME LIGHT
- (39) BACKLIGHT HEADER
- (68) ROOF MOUNTED CONTROLS/CONSOLE
- (69) ROLL BAR

EXTERIOR SURFACE OF CASE VEHICLE

- (37) OUTSIDE SURFACE OF CASE VEHICLE (*SPECIFIC AREA UNKNOWN*)
- (35) HOOD OF CASE VEHICLE
- (60) EXTERIOR OF CASE VEHICLE (*E.G. OUTSIDE MIRRORS, ANTENNA, TRIM*)
- (62) EXTERIOR SIDE ROOF RAIL OF CASE VEHICLE
- (63) TRUNK LID OF CASE VEHICLE
- (64) TIRES OF CASE VEHICLE

BEYOND CASE VEHICLE BOUNDARY

- (36) AREA EXTERIOR TO CAR (*SPECIFIC AREA UNK.*)
- (70) HOOD OF OTHER VEHICLE
- (71) OTHER VEHICLE EXTERIOR HARDWARE (*E.G. OUTSIDE MIRRORS, ANTENNA, TRIM*)
- (73) EXTERIOR SIDE ROOF RAIL OF OTHER VEHICLE
- (74) HEADLIGHT OR FRONT GRILL OF OTHER VEH.
- (75) TRUNK OF OTHER VEHICLE
- (76) OUTSIDE SURFACE OF OTHER VEHICLE
- (77) TIRES OF OTHER VEHICLE
- (78) GROUND
- (79) WATER
- (80) EXTERIOR OBJECT (*NOT VEHICLE, GROUND, OR WATER. PLEASE DESCRIBE.*)

PENETRATING OBJECTS

- (61) OTHER VEHICLE
- (72) OBJECTS (*DESCRIBE*)

MISCELLANEOUS

- (00) NO CONTACT (*INVALID FIELD FORM CODE*)
- (38) OTHER (*E.G. FIRE. DESCRIBE*)
- (90) SPARE TIRE
- (96) INDUCED
- (97) EJECTED, UNKNOWN CONTACT
- (98) IMPACT FORCE, "WHIPLASH", HYPEREXTENSION/COMPRESSION
- (99) UNKNOWN AREA OF CONTACT

Transit: LBN 3726-98

Event Name: A- 10000 Flight

Flight Regulator Speed: 1000 ft/min

Altitude: 10000 ft

Event ID: 10000 Change Name: 10000 ft, 10000 ft

Weather: Cloudy

Wind: 10000 ft/min

Altitude: 10000 ft

10000 ft

Regulator

Speedlight

10000 ft
10000 ft

NORTH

10000 ft

10000 ft

10000 ft



PN3726-98 #2



PN 3726-98 #3
Best Available



PN 3726-98 #4
Best Available



PN 3726-98 #5
Best Available



PN 3726-88 #6



PN3726-98 #7



PN 3726-98 #8



PN 3726-98 #9
Best Available



PN3726-98 #10
Best Available



PN3726-98 #11
Best Available



PN3726-98 #12

Best Available



PN 3726-98 #13
Best Available



PN3726-98 #14



PN3726-98 #15



PN3726-88 #16



PN3726-98 #17



PN3726-98 #18



PN3726-98 #19



PN 3726-98 #20



PN 3726-98 #21



PN3726-96 #22



PN 3726-98 #23



PN3726-98 #24



PN 3726-98 #25



PN 3726-86 #26



PN3726-98 #27



PN 3726-98 #28



PN 3726-98 #29



PN3726-98 #30



PN3726-98 #31



PN3726-98 #32



PN3726-98 #33



PN3726-08 #34



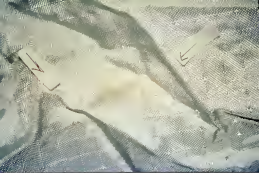
PN3726-98 #35



PN3726-98 #36



PN 3726-98 #37



PN3726-98 #38



PN3726-98 #39



PN 3726-88 #40



PN3726-98 #41

PN 3726-98 1726-98
1726-98 1726-98
Explosion Spark, 4x4 2 inch

Explosion Spark, 4x4 2 inch
1726-98 1726-98
Explosion Spark, 4x4 2 inch

Corrosion, right knee
(0)



Corrosion, left knee
(1)



Crack fracture
left patella
(2)